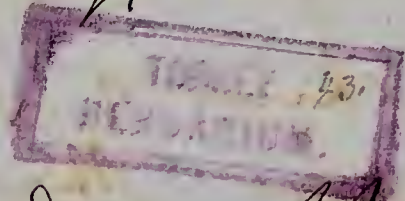
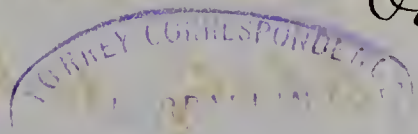


Cambridge, 7th January, 1846, -



My Dear Friend

Your parcel came to-day, I have

looked over the plants. - What a grubber Fremont
is for roots. Several things in the parcel I was
glad to see again, but, I believe nothing new to us,
- I should think nothing worth while for Sprague to
figure except Engelmannia - & Hoffmannsia,
of which there is a single specimen, with its
perpendicular root 2 feet long! With a very
few exceptions I suppose I could name the parcel
off hand, or with very little trouble, - If you
think it of any consequence I will certainly do so.
Perhaps I will send you back this week a good part
of the parcel, as I shall have a small parcel
to send you for Fremont. - Let I am not sure,
I shall take hold of them. Glad to see
two tolerable specimens of that Western wild pumpkin.

When then 2 specimens do we share the spoils,
or must one be kept for Fremont?

My lectures begin
on Tuesday next; so if I look at plants it
is only for an hours relaxation from other topics.

Sprague has been somewhat interrupted, by the sickness of Madam - and is likely to be hard pressed through. He has got at least five weeks of hard work before him.

I have my four last (geographical) lectures arranged quite to my mind, if only Sprague gets the illustrations done.

As to Fremont's drawings, I think the Scotch gardener would be spending his valuable time to much more purpose in collecting & making specimens.

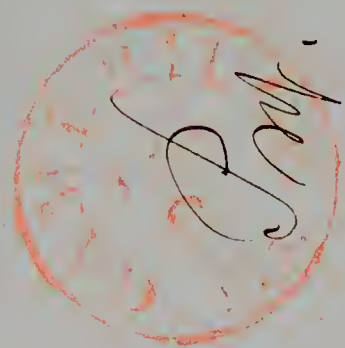
I have twice met Lieut. Davis since his return from Washington, but only just so as to have a passing word with him. He will not go to Oregon. But he says a friend of his is to be sent on that or some other expedition - I suspect some other, as he spoke of Black foot Indians, - a naturalist is wanted, and he says he hopes I will have a man ready. Who can be sent? I shall learn the particulars as soon as I get time for a little talk with him.

Recd

5

J. Torrey Jr.
No. 67 Crosby St.

New York



Received
of
J. Torrey Jr.

Chandler

Chandler
Robertson
C. R. Nelson

Cambridge, Saturday Evenng.

Your favor of the 22^d I found this

evening on my return from my afternoon
lecture. I am very tired and cannot write
much this evening. Four of my lectures are
off. (You will be glad to know that they have
gone off very well - the three first admirably,
indeed I was surprised at myself at the fluency
ease and "enlargement" which was given me. -
The fourth, both last evening and this afternoon,
was poorer - interesting details, but scrappy, and
less comfort in speaking. Splendid illustrations
up though. - *Nymphaea*, *Nuphar* - & the two bel-
umbiums coming out of the water twice the size of
life. - *Victoria* same proportion - leaf 10 feet
^{wide} ~~long~~ ^{oblong}, floating on the water, like a huge scow. - the
flowers 3 feet in diameter. Poppy & Argemone for that
Order. *Nasturtium* with all the details, *Monarda* (*Calabar*
Nasturtium) *Papaver* flower foliage & fruit, *Arnica* & 3 *Artemisias* -
Custard Apples with dissections - for ~~that~~ *Thymaceae*.
Linodendron & *Magdalia grandiflora* - for that tribe.
The pictures were worth something, if the lecture
was not. I shall spur myself up hard
for those 4 to come, which are finely illustrated, in fact

a complete "embarras des richesses". Then come the four geographical lectures, which if Sprague gets the illustrations ready will be very interesting I think. I must work them off well, for at least two of our 7 members of Corporation are constant hearers. - (Entre nous, from what I learned yesterday from one of our Corporation, I have no doubt but that ~~the~~ Rogers - thanks to our prompt and decided action - is thrown out of the question for the Kniford Professorship. - So his friends must look elsewhere for him.)

My two lectures at Salem must be given on the last Wednesday of March & the first Th. of April. This, with some writing that will be immediately pressing upon me, & College duties coming right on, will, I fear, make my early spring visit to Clermont very precarious. I want much to come and have a little vacation with you all. I guess you had best come on here. There is a formidable amount of work of various sorts that should be accomplished (Deo favente) before the July vacation.

Sprague will not be through with his illustrations more than a week before me. - then Loring wants him a week or so. - and he is getting tired for I drive him hard. (Your drawings will be in very good time next summer.

The contemplated expedition is a land one. -

- from Lake Superior by N. Pac. to upper Oregon -
- down to Lewis River, & ~~then~~ ~~up~~ ~~that~~ ~~to the~~ up, that, - & then over
to the Gila River in California. - I know of no
botanist to go. Can you find one? Sprague
can't be spared, and will not leave his wife &
family for so long.

I should like to see the Corpus Christi
plants you mention.

By the way - you have never returned the MSS.
Catalogue of Mr. Lowell's Botanical books. I sent
you long since. - Send it some time.

As to Bates, by all means publish a
note on it, if you work it out to your satisfaction.
Send to Hooker, - but also publish here, - in one
of our Boston societies. - I have forgotten
quite what Lindley said on it. Shall be
glad to know what you make of it.

We have had some cold days, but have
little snow - compared with what you speak of.
- not enough for fine sleighing. The Siberian
came about as soon as she was expected here -
always a long January passage. Some of our
Congressmen must feel a ~~little~~ little ashamed
that England is so cool and quiet, in spite of
all their bluster. Capital for peace that
the Peel Ministry is still in. We owe much
gratitude to the new Lord Grey.
No letter for me by steamer.

Cambridge 15th April. 1846

My Dear Friend

Your favor of the 10th reached me duly. I know not how my former letter came to be so long in transit.

As to the note, the longer you consent to let me hold it, the better for me.

Bring 2nd Kunta when you come. I should not have asked for it had I not supposed that it was left out of the parcel by mistake.

I am kept very busy, indeed, with a variety of things.

But I hope tomorrow to despatch a box for you by steam-boat (for freight) for New York, which — no, I will send it on Monday next, and it will be on Tuesday morning on board the Stonington or Providence boat, of which I will apprise Mr. Hutton by letter addressed to the Medical College. I hope you can make arrangements to have it sent on that day to Princeton. I will send some shrubs, such as I can get into a box of moderate size, and some few hardy herbaceous plants.

also some green house annual & perennial
Geraniums &c. - &c. - which I want to get
out of the green house - and to reduce our stock
which it consumes all of Carter's time to take
care of. - I will not send young Pines &
Firs - because I see our Norway Spruces
are not in good condition for transplantation
this spring. - and it is too early to transplant
them. But when you come you
shall select some small Silver Firs &c -
which you can take home with you. - with some
other young rare Coniferae. Deciduous or Mineral
Firs if you choose to buy. The other
~~things~~ ^(the box) I shall be happy to send you as a
correspondent of the garden.

Pray make arrangements to get a box
from New York then on Tuesday next. -

I hope you will bring me some roots of Obolivia
also of Aster ericoides, which is very common
on your grounds - toward Rocky Hill, by Wanderside.
If Knieken sends you some fresh nice plants
please share with me. -

If there are offshoots that will bear dividing, will you bring a small plant of the climbing (Saton) Rose. Next year, I may propagate some Michigan roses for you.

Now let me tell you that the Inauguration is fixed for the 30th inst viz Thursday the last day of the month.

You had best come to N.Y. as early as Tuesday afternoon, pass the night there, and take the Long Island Road on Wednesday. - So we shall have an evening previous to the bustle of Thursday.

The programme is settled, I believe, for the inauguration exercises in the morning, - of which the principle staple will be Everett's speech, - Dinner given by Corporation to officers & guests, Illumination from 8 to 9 in the evening, & a full dress levee after that. - but whether the President & family are to receive in Harvard Hall, or in their own farmhouse is not yet certain.

I count upon seeing you.

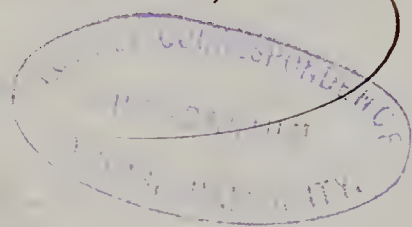
The Algon Expedition, I learn from Davis
who has just returned from Washington - is
all gone to the dogs. - owing to the mismanagement
and stupidity of Bancroft. - So Mr. Halsted
need not trouble himself.

I should have been glad to have seen
Bailey.

Love to all. I intended to include a
line to Mrs. J. - but it is too late. - Say
I will write specially very soon. but hope
meanwhile to hear from her. -

Faithfully & Very truly Yours

A. Gray



Cambridge - Monday evening. 25th Mar.
1881.6

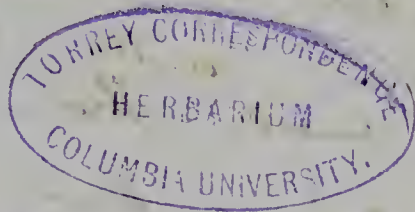
My Dear Doctor.

Your parcel and note of the 15th inst came the other day, just 15 minutes after Mr. Sprague had left me - I had kept him on hand some days to be ready. He returned again last week, but I was obliged to set him at Thermopsis mollis & Saxifraga Careyana - just out - Yours - now that the Poppy is drawn, you will be in no special haste for - but they shall be taken up when Sprague gets settled near me. He left on Friday again, to return to-morrow morning, and take up Leucisia, which is just on the point of expanding - a fine pink-red flower, I judge. Dr. Clark has been here to-day - looking

at the microscope and examining marked specimens. He came opportunistically for a cold and head-ache would have prevented my doing much.

I feel quite anxious to hear from Mrs. Torrey - have not heard for a long time. I hope the chills & fever were promptly arrested.

When you send next, will you send me your drawing of Obolonia? Sprague has made beautiful dissections of it.



Asplenium Andrieuxii
reflexum
Convolvulus
over the soft all nuts
shed.

Wednesday morning -

My Dear friend
Your letter of the 16th to 26th - came up from the post office just now, and I must despatch the sheet in hurried reply. I have been unwell with a sudden and severe cold, so that I have done little since Sunday. However I went yesterday to the annual meeting of the Amer. Acad. - & came back and lectured in the afternoon. - I wrote still one. (The *Arctostaphylos* like *Missouriensis* I still think is that species. Sprague came up yesterday, drew the foliage & bud of *Lewisia* - also *Candelia* and root from a dried specimen I have from Hooker. - & then began a painting of your *Streptanthus crassicaulis*. This morning the *Lewisia* is in full bloom - (It will only make one flower) a beautiful flower 2 inches in diameter. Hooker's figure is bad as to petals, you will have a beautiful colored drawing of it. I have the *Cacti* from Engelmann, some of them alive. Got nothing by last steamer except Lindl. Jour. Bot. which contains a pretty long acritical notice of the two last vols. of *Seb. Presl*. I think by Arnott!
A new edition of Lindl. Nat. Syst. (3^d), but with new title - the Vegetable Kingdom - full of wood cuts. is published in London. Up to this time by this time
Hooker has taken no notice of the acclamation of *Fremontia* I sent him in Feb^r. to be inserted in the Journal. -
As to the few *Scrophulariaceae* remaining, I think best not to send them until we receive them back from Berlin. - I intended by the coming steamer, - with his whole N. Amer. notes. - Probably you will be able to make them all out here in July.
I suspect the \$2. a piece will do pretty well for the outlines. Drawings, at least where the specimens are tolerably get-at-able. Some of them are hard cases. - You must give \$3 for *Lewisia*, which is colored. I will have some *Compositae* drawn. -
I think you know as all here.

Mag. must come on here and recruit. If she
and her mother could spend a part of the summer quietly
here, they would both be all the better for it.
We have had raw weather; but it is now fine and the garden
looks pleasant. Come all hands as soon as you can.

I am sorry to hear that Mother has been
so much unwell. I have been wondering why I did not
hear from her. I want to explore some of the beau-
tiful grounds & places in Brookline, Roxbury, Mattapan &c...
but I fear I never shall until I have somebody to take
with me in drives. I do not see how I can wait
till July. Can't you come earlier? or at least send
on an instalment?

What name had you chosen for the genus that
must rest on *Justicia brachiata*?

In great haste

Love to all. Write soon.
Faithfully Yours.

A. Gray



P

J. Torrey

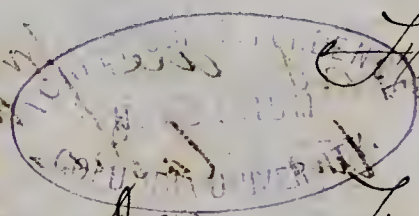
Princeton

New Jersey

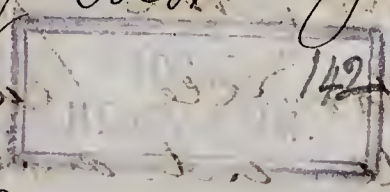


Princeton
N.J. 1874

May - 1846



Friday Morning



My Dear Friend

I send you to-day
a newspaper containing the pro-
gramme of the Procession at the
inauguration next Thursday.

The Corporation do not give
general invitations beyond New England.
Your special invitation is in
my hands. I will retain it
till you come. Come at least
as soon as Saturday evening.
Do not think of travelling Wednesday
night, - as you would be too much
worn for properly enjoying the
affair. And any little accident or
delay on the route, would bring
you too late to join the procession.
which itself will fill the church
perfectly, all but the galleries,
which are reserved for ladies. &
which will be a perfect jam
as soon as the doors are opened.
To secure their own families

in part, the Professors are privileged
to introduce each two ladies ^{through} at
a side entrance, just before the
public door is opened. Will you
bring any one to occupy my seats?

They will be in great demand
as soon as the arrangement is
generally known.

I am working up the Primulaceae.
Can you bring *Lysimachia* &
Androsace, especially. Of Primrose
I have no *R. mistassinica*, & I want
to see your *R. angustifolia* & *Lys. Exim.*
Perhaps, you had better bring the whole
batch — tho. with all the things
before mentioned I am likely to
overload you.

Did you get two boxes
of ~~five~~ live plants that I sent,
as I promised, so as to reach
New York Tuesday Morning?

I got no letters by last
arrival from England, except a line
from Borth. who had given

the note, plate & specimens of
Abolaria. I sent Brown to the
hands of the Princeps, who saw
him examining them, and who says
he will do his best to get some-
thing out of him.

The weather is still very
dry here, but it now looks as
if rain could not be long deferred.

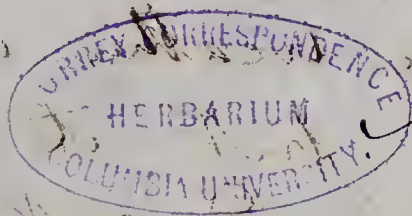
Are there any Fremontian?
Primulaceae. Plantago & Staticeae.
How strange that the salt
regions in the west should apparently
have no Staticeae, like Siberia &c.
while the Chenopod. are well
represented.

You will, I suppose do the
Asclepiadeae (& Apocynaceae?)
I think I had best attempt
Fraxinus, as I can get at
Merr. Rustia, and Lamm. dict. for
I try to do something with Bose's
Species dubia. Do not forget the

fresh specimens of Gentiana di-
phylla, if within your reach.
(Bring in Green's old tin box.)

Shall I not hear from you?

Cordially & faithfully
Yours

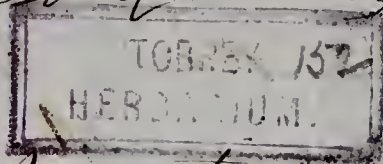


Algar

Before 1848?

May 1846

Wednesday Evening



My dear friend

Oh, how tired I am! Having no college duties to-day, I have at work in the garden, digging, putting, and lifting heavy stones. - and I can now scarcely lift my hand.

Yours of the 27th reached me yesterday and - as there will be no time tomorrow, I must write a few lines, accompanied a check on Merchants Bank Boston for \$185.25 (Mrs. F. asked me to deduct \$14.75.) Your note I have filed away with the others.

If it be quite as convenient to you to retain it, I would rather you would keep the whole till winter or next spring, or later.

I am truly sorry that this business of butchering ~~affairs~~ ^{affairs} came so inopportunistically as to prevent my having the pleasure of seeing you here tomorrow. - It is very dry and dusty here. We have had no rain for a long time indeed. But it now looks as if it might rain to-morrow!!

I understand Webster is expected here to-morrow. The inauguration & the exhibition coming next Tuesday give me no lecture now till a week from to-morrow. - So we should have had a fine time for plants. But I shall be quite as glad whenever you can make it convenient to come.

I have some things in New York from Kunze, Schlechtendal, & Martius. - a new fasciculus of the Palma.

Tell Brother Weston his letter was duly received.

I am sorry, since your visit is deferred, that I did not send you several Ficus, Larches, &c. - as I fear it will be rather late when you ~~will~~ come.

I know nothing of that Cuban Asclepias. Very like it may be Uragradia; of which it would be great to get the print. I know of no Mexican "Brickeye".

You had best bring your American Plantaginaceae; as I have some trouble about those of S. States, and I want to

see your *P. eripoda*, in *Tamx* Pl.

As to *Statice* you gave me a spec.
of a narrow-leaved one from Key West,
Bloodlet, which I cannot identify
with any described one. There is some-
thing in the flower as well as the leaves to
distinguish it from *S. Limonium*, (or *cardin.*)

I have mentioned *Primulaceae* before.
If you will bring your American ones,
Dodecatheon particularly - you can take
them back again. I want to see the
Fremontian Androsace septentrionalis.

Have you any *U. S. Dodecatheon*
that has the tube of filaments as long
nearly as the anthers - which, you see,
is Hooker's char. of *D. integrifolium*, *Max.*

Hooker's specimens are all high Northern
& far Western. and are distinct enough -
But is that Michaux's plant? ()

I want to see a suite of specimens
of *Centunculus* - to ascertain if we have
more than one, and if that one is diff.
from *C. minimus* of Europe. But I have
no specimen of *C. minimus*!

I must now fall back on the
Vacciniae, and finish them. I should
like to see the sheets of *State flora* on
Albatrosses. - I will return them, with those
I still have of your set.

Am glad Lea & Blanchard are
to reprint *Land. Vegetable Kingdom*.
I did not know of it. His proposed

Englisching? of the names of orders
is detestable. Fungus!

Rosads! when!

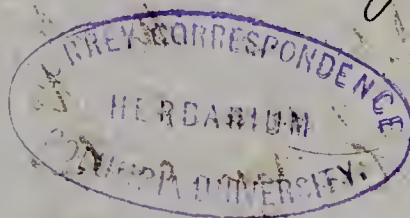
We shall have a deal to
talk over when you come.

If I find time I will tell
you about the Inauguration
which will be rather dismal should
the procession have to march with
umbrellas and the illumination
be viewed under the same canopies.

Adieu

Yours ever

A. Gray



Forney

Dear Doctor

May, 1871

What is the derivation
of Maruta?
asks me.

Dr. Darlington

TORREY 1871
HERBARIUM

Fickerman this evening gave
me the enclosed note from Bott,
with a couple of Cambrian pamphlets
— one of which you have already. —

I keep the latter till you come.

Tell Prof. Henry that immediately
on my return here last month, I took
an occasion to speak casually to Mr.
Lowell, by way of recommending him
to invite Prof. H. to lecture at the
Lowell Institute. The customary
four lectures, he told me, he had already
engaged for the ensuing season, and was
in negotiation respecting a fifth. But
I trust Henry will be asked another year.

I told you Mr. Lowell had
placed £100 at Bott's disposal for
purchasing botanical books & plants. —
Bott immediately purchased the
late Dr. Graham's herbarium, & some
other books. These large boxes have
come by the Cambrian (freight £17) and

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 11th inst.

in relation to the matter of the

proposition for the purchase of the land for the purpose of building a school house on the corner of the lot owned by the late John Smith.

I am sorry to hear that you have been unable to attend the meeting of the Board of Education held on the 10th inst. for the purpose of considering the proposition. I am, however, glad to hear that you are still interested in the matter and hope that you will be able to attend the next meeting of the Board.

I am, Sir, very respectfully,
Your obedient servant,
J. W. Smith

a fourth is coming in next steamer.

I have been looking at some of them this afternoon (Friday) to see them in good order. —

Please send me a recipe by which a chemist can prepare the arsenate of potash. I have forwarded the prescription to Mr. Lowell.

Will you buy me a new stock?

I should have sent the Mulder by mail to Henry, but expecting you here I thought to save postage by giving it to you. I will still retain it till you come — also the Proceedings of Phil. Soc. — which I have from his own copy.

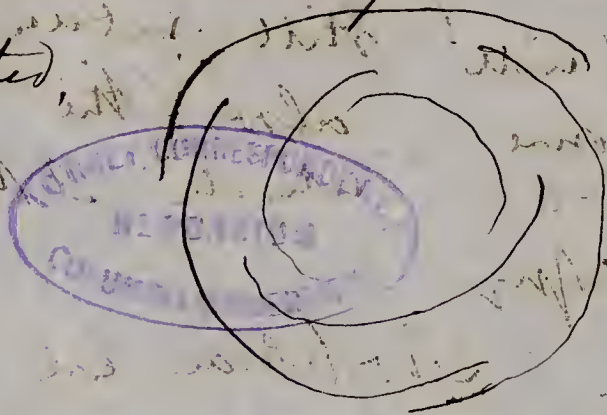
Botanical news by the Cambria — My German packages still stick at Hamburg, but I am daily expecting to receive them.

Yours ever

A. G. R.

I have just been examining
fresh flowers of Paspalum, sent
me by mail from Pennsylvania.
The activation of the corolla is
not valvate, as is always said,
without exception in the family. It
is most distinctly imbricated!

The genus Stimma must
therefore be restored. — that is if
the other species correspond in this.
My specimens are hardly good enough
of A. pygmaea & grandiflora to tell.
Will you look at yours. In
A. triloba each row of petals is
finely imbricated.

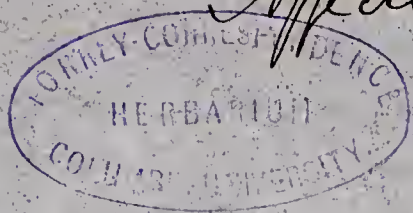


Gray tells me that Kriesheim
is going soon to the Mountains of
Northern New York. Is it true?

I have written him, to send me
one or two fine plants, if in flower, before
he goes. I tell him also, that I am
ready to furnish a purchaser here for
a full set of all the American
plants he has got, especially his Cones,
& Grass. Hypo. - ~~nicely put up~~ nice
good specimens, labelled neatly, - if he
will ever be ready to distribute them
- which, though, I think is problematical.

I have, as I think I have
already told you, got another fasc.
of Martius' Palms - the next to
the last - and expect the remainder
towards the autumn or winter.

Affectionately Yours
A. Gray

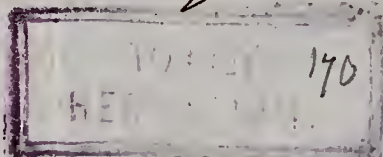


I have written him to send me
 a copy soon to the Mountaineering
 Northern Mountaineering Club. Is it true?
 I have written him to send me
 one or two fine plants, if he has them, before
 he goes. I tell him also that I am
 ready to furnish a few dollars here for
 a full lot of all the American
 plants he has got, especially his *Conium*
~~from the~~ *Conium* - ~~which~~ *which* I
 have often seen, I should really like
 will now be ready to distribute them
 which, though, I think a *Conium*
 I have no *Conium* I have
 already told you, got an other pair
 of *Conium* - *Conium* - the first to
 the last and expect the same on the
 tomorrow the autumn or winter.

J. Gray
 J. Gray

1846?
Tuesday 2^d June

Dear Doctor



As it seems it will be
some time before I see you - (Indeed
now you had better wait till the
1st July, when I shall not be engaged
with college work. -) I send in
a box to John Carey a parcel
for you - containing some pickings
from Bonnier's Californian collection.
- the two Linnaeas marked as
missing in your list - & some
London Jour. Botany (previously
advised) which I got through there.
Consider that you owe me
one dollar on the parcel of Linnaea
& Journal Botany. - I add also
the pamphlet of pickings & proof that
Ericacea N. York formerly sent to me. -

- As to your list of missing
or imperfect periodicals. -

The same parts of Hooker's
Leaves & Journal Botany
were wanted in my set. - and

I more than once mentioned them
specifically to Hooker - as not having
been sent to either of us or to Greene.
But as he took no notice
I ordered them myself through H. &
P. all the way to New York. I have
numbers of London & British.

I think you should ask Hooker for
I think you might well ask him
for all of them.

Your Annals & Mag. Natural
Hist. like mine, leaves off
just where Hooker left that journal.

Linnaea - the parcel I send you
your thanks.

Index Sem. St. Petersburg.

I got a year ago a new set
complete which I have had bound.
& I gave my duplicates to Boston Soc.
Nat. Hist. Could some of yours have
been among them? Perhaps - though
certainly your name was not on them.

When you come we will see at the
Soc. if we can recover them.
Sb. M. var. Sem. - I had some

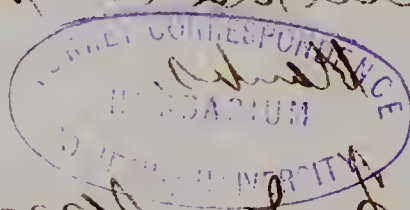
duplicate nos. 7. which were given me
by Roth. I have given them to Boston Soc. &
have only

my own set, which is bound.

Did you not have Buck. Lodge
bundles. part is impaled with
nails? It is not worth while to
reimburse it now, as the 10th vol. of D.C.
Profr. has ~~not~~ index of all the
proceedings, they say, which I ordered

Bentham might be asked for
the rest of the Pl. Hartwegianae.
There is more printed than I have.

Dr. Text Book sells steadily, but
very moderately.



I have sent a parcel for you to
John Carey, 51 Broad St. N.Y.
I have also sent a parcel for you to
John Carey, 51 Broad St. N.Y.
I have also sent a parcel for you to
John Carey, 51 Broad St. N.Y.

Thursday June? 1846?

186

Dear Doctor

Pickering - who has been staying in Boston since the death of his uncle - called out yesterday. I spent the afternoon with me. He enquired very particularly and kindly after you - expressed much desire to see you - said he should still be here till early in July - probably, and asked me to be sure to let him know when you came on.

I am sadly pressed - overpressed with work, now - long for the end of term. - A.B.

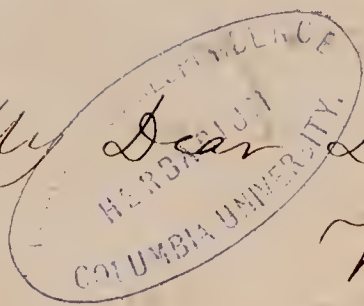
A.B. Bring green fruit &
Mandrake!

Friday
I have another parcel at New York, from
Hamburg -- from Munich & from Schlestadt,
-- probably something for you -- will probably be
here in a few days.

I keep Spangue very busy. Prof. Allen
he does not work rapidly, but most
faithfully & well. -- makes thorough &
Capital dissections now without me.
The corolla of *Dionaea* is not imbricate
but contorted! Many rather curious
points turn up in the course of our searching
study. -- I have the 10th vol. of Selb. *prodr.*
-- You will probably find one at N. H. P. --
The Index at the end is only of German
etc. after all. Did you get the
parcel for you I sent to John Carey?
I told him, if it was not called for to
leave it at the med. coll. in Brooklyn N.Y.
I remain. Yours affectionately
A. Gray

Cambridge Tuesday Evng.
30 June - 1846.

My Dear Doctor



Wishing to be doing
some rather light work for the
present, I took up the Scrophu-
lariaceae a day or two ago, nor
that I have a good many species
of ours growing here. (But I am
to-day a good deal alarmed
on finding that I have here
only a part of the Scrophular.
of your Herbarium that were
sent to Bentham!

Bentham returned them to
New York, and you brought or
sent the parcel (the whole
of it?) on to me. I have
never looked at them till yesterday
- On examination I find the
albumen almost

Isomertian Plants that were
sent him, and one portfolio
of Scrophulariaceae - including
Mimulus, Gratiola, &c. - but
nothing of Collinsia, Pentstemon,
Gerardia etc.

Could you have taken a
part of what Bentham returned
at New York?

Can Bentham have returned
only a part? One would
think that he must have
found out the mistake ere
this, and would have spoken
of it before in his letter recently
received, announcing his ^{contemplated} absence
from ~~London~~ for England for a
year. I was going to write to
Bentham by tomorrow's
Steam-Packet (letters will
be forwarded to him in the

North of Europe), but I shall
now wait till I hear from
you. I put all the things

of yours into one of my cupboards.
but last winter - as the
arranging of my herbarium
proceeded, I transferred them
all bodily to a chest. On
taking them up for examination
I find the state of the case
as I have said. Can
you give me any information
that may relieve my anxiety?

I see not how they can have
got mislaid here, where I have
but two stowing-away places,
- nor how they should have got
separated from the rest. - particularly
as I have never looked at them,

On the other hand, if Bentham
still has them, he cannot be

aware of it, and there will
be no getting at them till
he returns from his journey.

They must form together so
large a parcel that they
could not well be overlooked.

Pray let me hear from you
on this point.

I would send Bentham's
letter, but that I hope
soon to have the pleasure of
seeing you here.

I have done with college
work for the season, to-day.

Love to all Yours most truly

I know not whether you have seen the
seeds of *Polygala pauciflora*, with the 3 horns
of its caruncle longer than the seed, and the albumen almost
wanting. I enclose some.

Ca

My Dear
HERBERT J. D.
COLUMBIA UNIVERSITY

some rather
present.
Laniaceae
that I
of our growth
to-day
on finding
only a
of your
sent to

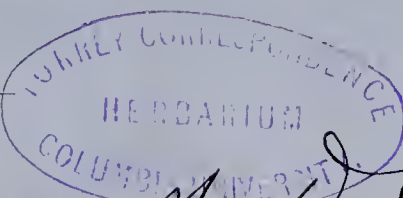
Bentham
New York
sent the
of it? or
never too
- An exa



1846 1/15

Cambridge, 5th August

Dear Doctor



Let me should wonder
at my long silence. I ~~would~~
will despatch these loose memos,
and inform you that I have
to-day sent the contents of your
drawer to Wiley, SP at name
(Care of Grant) freight paid. —
I would have sent before, but
could not power. And the
parcels I was getting ready for
New York. —

You spoke of sending a parcel
to me, as you passed New York on
your way to Catskill. — none
has come. —

(I add to your parcel one
or two Acanthaceae to — that have

Note?

recently come in.

I have a pleasant letter
from Durcanti - He tells me
I have been chosen a Foreign
Member of the Royal Bavarian Academy.

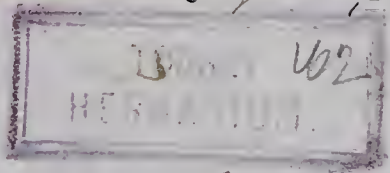
I have been most uncon-
fortably unwell for two days -
- a sort of Influenza - with
swelled face - and all sorts of
aches & dumps. -

I have endeavoured to save
the time a little by despatching
parcels, - By another day, I
think I shall be tolerably well
again. - Time is very precious
and I am sorry to lose it. -
I want to get on so that
I can come and visit you (&
go to Philbada) next month.
Love to all. Yours faithfully,
A. Gray

P.S. I forgot to say that
Zuccarini writes that Buckleya
(which he has received from me)
is exceedingly near to his Lap-
-amer genus Inadrata which
has a sort of potato.

Sept 1st.
Cambridge, Saturday.

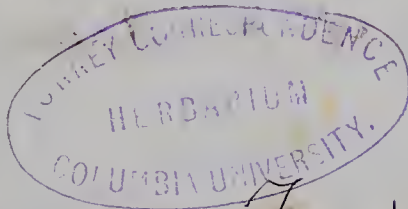
1846
(1846 19)



My Dear Doctor.

Obolaria flowers so early in the spring that there is no doubt the flower buds are all formed the preceding autumn. To clear all doubt about the structure of the fruit it is only needful now to examine the ovary in the bud, and this I am very anxious to do now soon.

Do you not think some of it might be found now on Rocky Hill, by poking carefully in the very place where it is now to grow. If you have the leisure I wish you would try.



Tuesday, Sept. 1st.

Your parcels (& the Scrph. portfolio) came on Saturday all right. I was that moment at work at *Erythraea*, and wanted to see some specimens from you. — Let me note — that you have forgotten to send the Dodecatheon dentatum, of *Fremont's* 1st Jour. — unless it is a large specimen — with nearly entire leaves, omitted to be labelled — Scape a foot high. Upward like *Dodecatheon*, but corolla very unlike! It is a *Primrose* is it? Send the real.

Thanks for the nice things you have given me, and the magnificent plate of *Fremontia*.

(You have not sent the ~~the~~ Hydrophyllae
of Fremont's 1st coll. — nor of the 3^d. —

— We have ~~you~~ sent the Cleome sermista a
integripila, which ever it may be. — I want
that, in the autumn, but it can wait.

I have a parcel from Alph. DC. — Consisting
of a collection of the eloges of his father — which I had
asked for. — de la Rivis, Brual's — Morrens &
~~Flourens~~ (I had the last before. — also Martius's &
Sambucus) There is a new pl. Rav. hort. Gauss
for you. —

I have just imported the new & fine portrait
of LeCandolle from Paris — shall frame it.

I have looked over the portfolio of long-lost
Scrophulariaceae. They bear the marks of having lain
long about at W. SP. — but perhaps are little permanently
injured.

The Gerardiaceae are not with them. I trust you
will find them soon. I have prepared all the Scrophul.
but them.

The name of the genus allied to Buckleya, which
it seems I wrote so illegibly is Quadrifida.
I make rather slow progress. I want to elaborate
several other families before I go to Philada. It cannot be

before October, which, however, is not far distant.

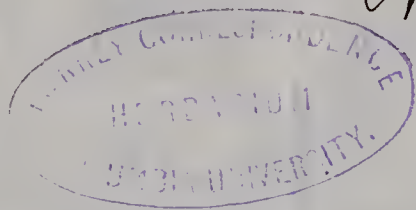
You ask after your Lindley's Gen. & Sp. Orchid.
It was purchased for the Exploring Expedition. if I
rightly remember.

Have Mr. & Mrs. Ward arrived? I suppose
they will spend some time with you.

The Illyrian Tommasin plants came with
only a single ticket to each species. I have
had a printed form struck off, and George is copying
out tickets, at the expense of whom it may concern,
as the lawyers say. - How would it do to send
you a list of the whole - that you may select only
such as you want? I do not know that I
am quite ready for peace yet. I have just
got Lindheimer placed under the protection of General
Wool, so that he can penetrate far into the
interior towards Chihuahua, if he will.

The weather is delightful. - ~~I suppose~~ warmer days, cool
clear nights.

Yours ever
Alfred



Prof. L. Torrey
Princeton
New Jersey

Cambridge, Saturday Evening
Sept. 12th 1846.

My Dear Doctor

Your favor of the 5th Ist inst. came this afternoon. I have lately been at the Gentianaceae and have all but finished them. A few hours on Monday I trust will do it. Though judging from a single specimen in your herbarium I think Bigelow's G. Pseudomonantha, with you, is the real European. (Shall ask Oakes for more) but what you so call in Fremont's 1st Exped. is clearly G. affinis. — while the G. affinis of that report is a small state of Grisebach's G. Saponaria. — Why do you say in Nicot's Report p. 155, that you suspect Grisebach's G. Saponaria & Androsii are not sufficiently distinct species? There surely can be no doubt about that. The question is merely which should retain the Linnean name.

It is odd, about that Dodecatheon dentatum. Pray look to see if you have not a Dodecatheon with which the Primula may be much mixed. Otherwise this Primula must be the plant not only of your Report, but which is mentioned as characteristic plant in the Narrative. Is it the same plant which Fremont mentions as Primula in 2^d Report, as a characteristic early plant of Californian Mountains. What makes the matter worse, I have seen no plant which accords with Hooker's character, and shall, after all, be obliged to mention it as a species unknown to us, unless you can lay hands on the real Simon Primula.

As to *Hydrophyllaceae* - you have sent *Eutoca sinica*
& *Phacelia leucophylla* - in your portfolio of that order.
And as to those of Fremont's 2^d, I suppose I have them
(all?) in that parcel sent back from Bentham.

You ask in latter part of your letter "Don't you want
all my *Hydrophyllaceae*?" - Certainly, and send them soon
- with the *Convolvulaceae*. - that I may work them
all up before I visit Princeton & Philadelphia. How are
you getting on in Flora - Are you ready for *Asclepiades*,
Aspernaceae? Time flies. -

I certainly have not your *Gerardias*. I wish I
had: - for they alone of that order remain unelaborated.
They formed a portfolio by themselves. Ask Hastings to
hunt carefully - when he found the other *Scrophs*. - unless
indeed you are quite sure you have seen them at
home since 2 years.

You have made no mention to me of the *Eriaceae*
of Durand. But you had best retain them till I come
on. I can readily examine them then.

DeCandolle's portrait cost me in Paris 6½ francs -
to which add 10 per cent. &c. -

All George's leisure, since he returned, has been
taken up with copying labels of *Yucca massonii* & plants.
I doubt whether he will get pay for it from Mead &
Sartwell. - Oakes & Lowell will pay. We will as
you desire together try to scratch off a list for you together,
as soon as we can secure a few hours of leisure at the
same time. You can then select. - though even then I find

There is great risk of omitting things which you think you must have, until you look in your herbarium.

~~When you had ready stores on hand~~

Our hot weather was brought up by a fine rain on Tuesday - followed by quite cool weather. - now warmish again.

My best regards to Mrs. Ward - whom probably I shall not soon see. -

Holton called on Thursday, on his way back to New York. I gave him for you the pamphlet from DeCandolle and the copy of Dr. Wymann's book which he presents to you.

I can now send back your Scroph. Gentianis - H. - Shall I do it, or bring them when I come - which, from the amount of work before me I fear cannot be for a full month. - Send on the Hydrophyllis & Convolvulaceae - tho, I hate the sight of the latter.

Dr. Engelman has forwarded on to me a set of the last collection of Lindheimer - this season's. - I have procured from Washington a letter placing him under protection, in case he chooses to go to the interior ~~with~~ Gen. Wool. - I hope he will stop this side of the Rio Grande, - for that is our boundary. We do not care to renew plants from beyond that.

Mrs. T. & the children -

Good night, Love to
Yours cordially
A. Gray

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]

1847

Cambridge 30th Sept.

RECEIVED
HENDERSON
UNIVERSITY
come

The *Rigophyllaceus* plant was not left for Sprague to draw. - He shall draw it, any anything else you desire - but as he had full occupation all summer - and in fact has fallen behind with needed work - it was not worth while for him to exert himself for those things when they would not be wanted till late in the winter. Meanwhile Sprague has learned very much - understands structure pretty well - dissects with wonderful aptness. - and if you could see some of the drawing I have just forwarded to Ostle, you would be as much pleased with his progress as I am. Send on what you wish drawn, and

he can do them - about 6 weeks
hence. - time enough for Prestite
will be quite ~~un~~satisfied by my work
till the Middle of December, I fear -
the 1st Dec^r - at any rate.

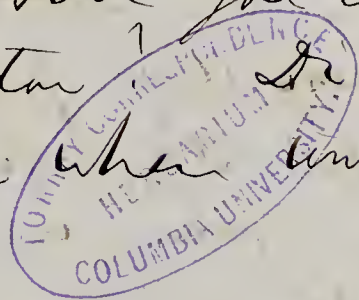
Sprague has several drawings which
he made for you last season.

I have been much interrupted
of late - have not accomplished as much
as I expected - but keep at work with
good heart. How do you get on?

It will be somewhat important to
my plans for the winter to know
soon how much MSS. you can
furnish by the 1st November. For you
of course will not be able to do much
real botanical work after that.

The next steamer that sails
from Liverpool will probably bring me
the original set of the Monopetale
of Britton's Calif. Collection, kindly offered
to be sent from the Trinity Coll. Herbar by

Harvey. It seems most
probable that the Grandee were
not sent to Ben the am. - especially
as your recollection of them seems
rather distinct. Have you looked
everywhere at Princeton? Did
you not have them when visiting
the State House?



Each. The Carex must have been
C. crassica - received in a news-
paper when you were here.

For the Salpiglossis - here is the
mem. of the point I had in memory.

"Niveibergia anomala, Miers in
London Jour. Bot. Apr. 1846.
p. 175. "San Felipe, Texas, Dumoulin."

I should like it, if a copy of Sullivan's
Musci could be obtained from Barley.

I have a file of letters before me
from Montagne, Amos, Schimper, Wilson,
all speaking of it the highest terms, &
with the handsomest acknowledgments.
But what is almost unaccountable, Hooker

has never said a word about it, and
has only by implication acknowledged having
received it.

Glad indeed the Utricularia is
up. Have a specimen very
carefully potted for me. I will
take it next month, and see
how soon we can make it flower.

Mine have not come up.

Carters lost the Sporobolus leptophyllus (C)
the seeds came up well. —

I have taken initiative steps which
will result in my losing him, I hope
as soon as next spring.

What I think of Browns book you
will see by a notice I have sent
to Bill, Journal.

I have seen no notice in the
papers about the matter. But Back
told Prof. Pierce that he was using
his efforts to secure this Secretaryship
for Prof. Henry, — and I inferred that
he hoped to succeed. He ought to have
it. I was thinking of calling on

Mr. Choate to explain to him
the importance of Henry's having the
place. But if Henry says he
will not be a candidate, of course
I cannot. You see however, that
Bache is bringing him forward at the
Board, although he may not have
the right best not to confer with Henry.
It is a place Henry might not
to lose.

Pray get a specimen from Dr.
Perry to certify this new locality
of *Andromeda hypnoides*. -

I shall write a note to Mrs. T.
before this goes. -

Oct 5.

There, I have kept this a
week - no end to interruptions, and
what time I could save I have given
to writing the text of my 10 plates 4th
for Amer. Academy. - which takes vastly
more

time than I supposed. The printer
takes it up this week, and when
he is done I think I must break
off without more delay, and visit
you, so as to see you before you
go to New York and get absorbed
in Medical lectures. — Then Philadelphia
But I must be about for as short
a time as well may be.

I see I can not write to day
to Mrs. T. directly. Will you tell
her that I am about to start
up the greenhouse this winter, — distri-
buting the plants many of them among
cultivators — keeping a set specially in
the chamber warmed by Drum — storing
others in cellar &c. —

Now if you think they are worth
trouble & freight, I will send a box
of such things as dear Mrs. T.
would like, — a White Camellia —
Geraniums — Heliotropes. — Whatever
we have, indeed, that she will say she

fancies and can keep alive

I shall send you proofs of my
memoir, as soon as ready. The
copy is nearly all prepared, so that
tomorrow I can go on with families
for Flossa & Hydrupolis. I think

Oakes came up on Saturday
for a couple of hours. - He wants
Appaque to go with him for a
week to the White Mountains - to finish
some landscape sketches began last
year.

Yours

Let me hear early news

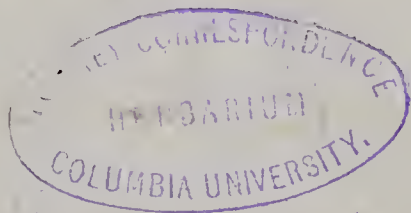
Yours faithfully

A. Gray

P.S. I just learn that
Dr. Pickens is a candidate for
this Secretaryship of Smithsonian
Institution, and that Choate strongly
favours him. Now, I would ask you to ascertain
at once whether Henry wants or would
take the place. — because, if not, I wish
to see that strong Scientific influence is
secured for Pickens, at once —

They are both to be provided for —
Dr. Pickens as Librarian. —

A.G.



well-named plants as *Fouquieria*.

What say you? If yes,

do you not think you can
put up a package soon, and
perhaps send it with you?

I have been this morning to see
the Mathematical box at the house
of a friend. It interests me most
deeply.

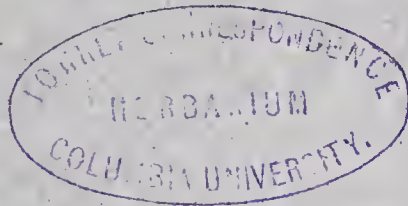
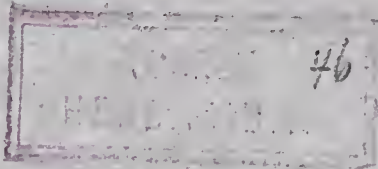
I have just received Linnaeus's
Vestibule Kingdon, I have glanced
at it. It abounds in specimens of his
usual bad taste and bad temper, and
in the most unworthy attempts to depreciate
Rousseau. Shows great waste also.

and it seems to me that there is a
manifest falling off in high botanical
character. In his arrangements we

have a love of Paradise, even
mad. "Hence my sentiments"

on the first glance. I shall soon

Tuesday Morning, 13th Oct. 1846.



Dear Doctor

I send herewith a hasty line in
reply to your favor of the 7th -
If I were to wait until I am quite
ready to go to Philadelphia I should not leave
here till 1st November. - But that would be
too late for you to accompany me. So, I
propose to leave here on Monday evening next,
to reach Princeton Tuesday evening. -

I leave Agassiz in New York. He will
leave New York Wednesday morning - join me at
Princeton - and go on with us to Philada that
evening - We shall probably go together to Carlisle
where he has something to do with the Capital
naturalist Prof Baird, and I have to get live
Vaccinium brachycerum. - He will soon return

to make ready his lectures here. -
Agassiz is an excellent fellow, and I know you
will be glad to make his personal acquaintance.
I must make my stay - such as it can be - at Prince-
ton, on my return.

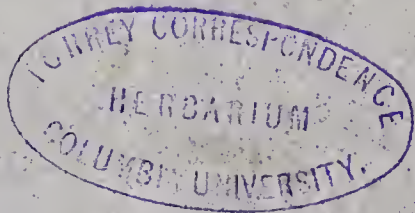
The parcel mentioned in yours of the 7th came duly.
- In the collection just received from Lindheimer
is a new genus?

of true Rutaceae and some other queerish
things. —

In haste

Yours cordially

Gray



'Love to all

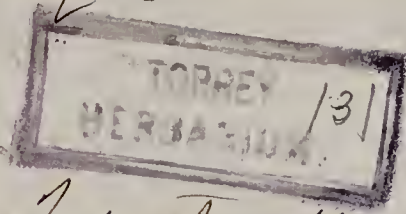
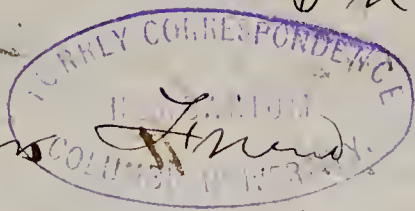
20.4.13

And. Dec. 9th

Friday - 26.

846?

Dear Friend,



When I wrote you about the Tessaria? of Fremont's 2nd vol. did I give you its number? It is no 388. (1844). I have a kind of recollection that he gathered it on this side of the Rocky Mts. - but I wish you to make sure of this. It might rather to be from California, for I have just found a fragment of the same in the Courtes Herb. from California. (It is in better state, so that I think I can make out the character of the receptacle, which above seemed to differ from Tessaria.)

There is another Composita of Fremont's 2nd vol. of which you have the only specimen, and that prov. so that I did not name it, except perhaps Heliopsis.

You will know it by its looking
like *Rudbeckia radula* (apical) only
hoary all over, especially the involucre,
which is something like *Helianthus*.

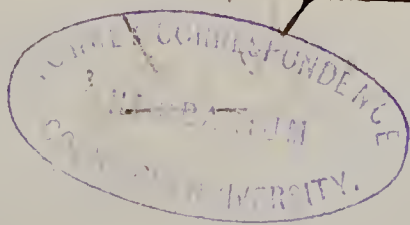
See if there is any note or number
to show where it came from.

For there is a good ^(single) specimen in
the Courter Herb. It is a fine genus,
allied to *Helianthella*, but more to
Eucelia, and having curious points of
analogy in the achenia & pappus
with *Agarista*. Hence I name
it Geraea (an aged matron) in
allusion to its hoary head & silvery
locks of the fruit, as a counterpart to
Agarista, - ~~which~~ who says Delandelle
was "nymphæ venustissima".

I have an allied Texan *Helianthus*
genus, which differs from *Eucelia*
in having an achenium destitute
of the covering of long hairs, and from
Leighia in ~~having~~ being destitute of all

Pappus. This, unless you
think the Duke would see, but
not swallow, the joke. I propose
to call Barrattia calva.

The queer Chenopodiaceous-
looking composite of Fremont 2^d. -
I have called Hymenostrobilus salso.



I have instructed Hastings
to open the package he is to get
through the Custom House, and
take from it a copy of the new
fascicle of Mark. Lindlicher
Adra Brantensis, also of
the Linnaea's - I will notify
you duly of the cost.

A.G.

N. S.

No. 1.

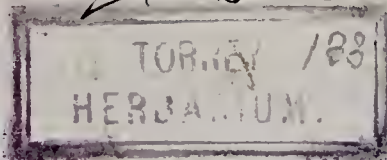
Am. Dec. 9

1842-1847

1845

Wednesday, December 2nd.

Dear Friend



Yours of 28th Nov. - Dec. 1.

from Princeton, reached me this evening. Agassiz was with me, and received the intelligence about the snakes &c. with joy (He does not begin his lectures till Tuesday next.) Kriekem writes that he has sent to you a parcel of plants for me. But he does not say a word about the rest of Louell's, which I have so long urged him for. - by which I shall lose the chance of sending the duplicate set to Trieste, by a vessel now up. I dare say he wants the pay greatly, but my affirmation that he shall not have a cent till all are sent does not seem to hurry him at all. -

Who do you want extra copies of Chloris for? You will get another copy from the Academy when the

half-volume is published, that will
be on sale, but my extra copies not,
except that I have intended to aid
its diffusion somewhat by placing
30 copies (all I can spare) on sale
with Pamplin, — the proceeds to go
towards pay for drawings next time.
There are too few copies to go into
the hands of amateurs, and I suppose I
shall supply the principal botanists.
But tell me who you want them
for, and I will see.

Thanks for the needed information
about Tessaria brevis.

Business and foreign mail has prevented
me from going on much in study
since my last sheet.

Among the ~~Coulter~~ plants loaned
by Harvey is a new genus of two
species — allied to Riddellia, but
quicker as to its affinities. — Very pretty
plants. — we call Baileya!

Ask Hastings to hurry on the
Hamburg & other parcels - and not
forget to give me the name of M. &
P. is principal correspondent (bookselling
house) in New Orleans. - My letter
to Wright is kept waiting for it.

I got a small package from M. & P.
to-day. It should have been sent
with the rest. —

Do you make gun-cotton?
It works well here. - We had some fine
illustrations at the Academy yesterday
evening.

What is the Chapman Plant?

" are the Cyperaceae from Braine?

The wreck of the Atlantic is indeed
a dreadful calamity, and has caused
wide mourning. It is terrible to think
of. - I wish I could have been
with you at Thanksgiving. -

Yours ever - A. Gray

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 10th inst.

and in reply to inform you that the same has been forwarded to the proper authorities.

I am, Sir, very respectfully,
Your obedient servant,

J. B. Smith

Secretary

to the

Board of Directors

of the

Company

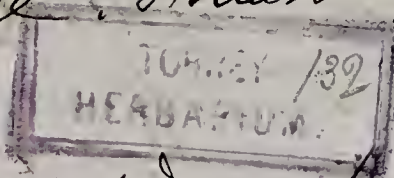
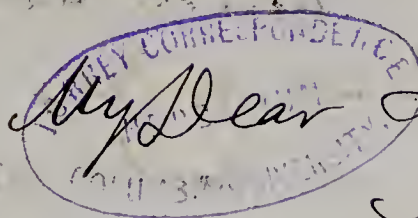
and

in

Ans. Dec. 9.

[Dec. 3, 1846]

Cambridge Thursday Even



My Dear Friend

I despatched a letter to you this morning, but I must write again now to inform you that D. Pickens came out this morning to tell me, in confidence, - particularly desiring me to tell you - however - that they have at length got rid of Rich at Washington, by his receiving some appointment as Paymaster in the Army. - The latter think that the coast is now very clear for you, and P. would like to see ~~you~~ ~~as part of the~~ you appointed to look after it. Pickens only hopes that Wilkes will not throw all into the hands of some incompetent man. Have you heard anything from Wilkes, or Drayton, in reference to what Drayton was to undertake in your behalf. - If not, may write to Wilkes at once yourself, about the Californian

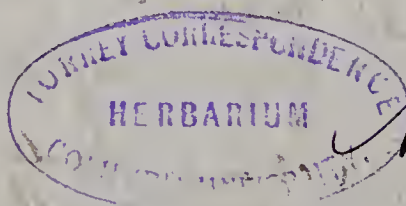
and Oregon Collections - which will
serve as a sufficient entering wedge.
Also write to Drayton at Washington.

We see no reason why you
should not have some good
botanical work out of this, and
get good pay too.

Pickering is to tell Drayton,
when he goes on, that he should
arrest the engraving of the botanical
plates, none of which are the things
now to be depended on - as to the
analyses.

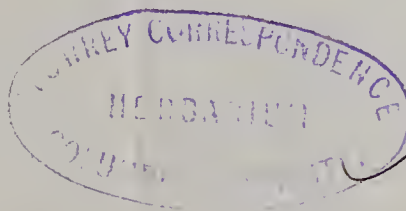
In haste

Yours ever



A. Gray

P.S. Tell Hastings to
send on my parcels, and the
information, for which I have
asked so many times, about the
New Orleans house to which my parcel
for Wright ~~has~~ gone, has gone.



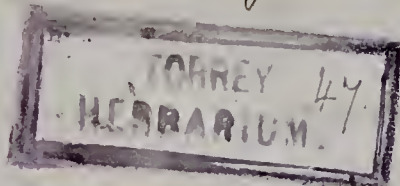
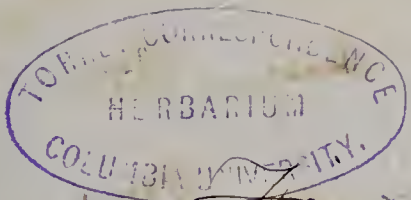
A. G.

[Faint, illegible handwriting, possibly bleed-through from the reverse side of the page.]

Copy letter

7th Dec 1846

Cambridge 19th December
Evening



My Dear Friend

Yours of the 2^d (and at length the parcels) came duly.

Agassiz lectured first last evening - fine audience - He had a cold, was very hoarse - so that he spoke with discomfort to himself, - but it went off very well. Tho' he by no means did himself justice, the audience seemed well pleased, and the persons I ~~have spoken~~ spoke with at the time. The most intelligent people, were quite delighted and impressed. He has repeated to-day.

I expect to hear him again on Friday.

The Flora Brasiliensis you will find is on the same sort of paper as the former parts.

I have 16 proofs of Genera Illustrata - The engraving is clean and neat, but except a few of the last they are not done so well as we expect, and do not do justice to the drawings, which indeed are almost matchless. Prestele has, in some altered the arrangement of the analyses on the plate. - Consequently they must be done over again. I am clear that Prestele can do what I want, so I have given him further instructions, and has raised his

pay to \$2.50 each — increasing my own risk thereby. Sprague has discovered some new quantities about the position of the rule in Ramanallaceae. The raphe is dorsal in all of them with pendulous ovules — also in Belumbium.

He will go on very slowly. I can't hurry him. He has not yet taken up Croonia.

— You have not told me about Chapman's queer plant yet!

You got my letter with Pickering's message.

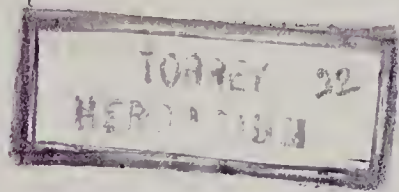
Dana has promised to use any influence he may have to have the botany thrown into your hands.

Unless Mettall has arrived, which I do not hear of, it is too late for him till next fall. For his object was to secure 3 months absence out of the present year, and 3 out of next!

I am very hard at work. — Do you go to D. this week. I do not hear from any one there at all. Love to them.

Please hand the annexed to Hastings, with your part of bill for Ad. Bras. — viz. $\frac{1}{6}$ of \$44.21. = \$7.37. — and the bills. Affectionately, Yours
Alway

Monday, Dec. 14th 1846³



Dear Doctor

Yours, up to Thursday

I received on Saturday evening.

Your weeks vacation is now
at hand, and I shall be
much obliged if you will then
put in order & send on the
copy for Labellaceae Hampe-
ulaceae, which I think I shall
soon want for the printer.

Perhaps you may be able to
sit down here to do it, - tho'
I suspect that you are so
much separated from your family
that you will be glad to leave
that week

at Princeton. I need not
say I shall be very glad to
see you, if you can come.
You can hear Agassiz lecture
too. His 2nd lecture went off
beautifully.

As to the Smithsonian
it must be the policy of
the Board & the Secretary
to have few & strong men, &
pay good salaries.

I would strenuously advise
you to bring your name before
Henry (only) for the Chemical
Botanical Chair. - This
appointment will be soonest made,

that the Professor may super-
intend the making of the Laboratory.
~~You~~ and would have a fine
salary. You can retain
in your hands the Agricultural
Chemistry, - the Lecturing, - and
have a fine assistant to take
the management of the practical
School. - etc, etc, -

In this way you would get
\$3000, & perhaps a house also.

There would then be wanted
only one other man for
Natural History, who should be
Pickering, for he could also
take charge of the Ethnological
bureau.

Perhaps they ~~would~~
would also need a Geologist &
Mineralogist. - But that should
be all. The great danger is

that of overloading with men,
Breckenridge is a capital
gardener, and would relieve you
of care in that department.

If you get the Botany of
the Exploring Exped. - there is
\$1500 a year more, for
some time.

If you say so, I
will write to Henry on these
points. - tho' I suppose it is
not necessary.

Bailey's genus has 3 species,
Aloua Andarica for Green-right.
It is better to have the Botany
of Ex. Expl. come through the Committee
directly than from Wilkes.

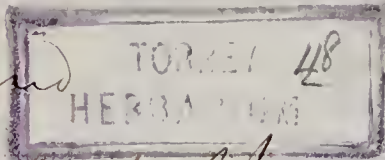
C. T. Jackson says gun-cotton can
be made for ~~less than~~ half the price you
name.

Yours ever
Albany
Did you get my letter, with bills enclosed;

Words
Manual

Agassiz before connects it
mss 1825-48 Dec. 4/64

My Dear Friend



I doubt if I have
written since yours of the 15th was
received, - and on Saturday
evening - on returning from Agassiz'
Lecture - I found yours of 18-24th

When I next see Agassiz
- viz. on Tuesday Evening, I will
ask him what he thinks about
lecturing in New York. I should
like to know what plan is proposed
and what tangible inducements
can really be offered. No doubt
some 800 dollars or so would be
very acceptable to him; but
after lecturing to large and crowded
houses here, it would not be so
pleasant to address a thin audience
among

your unlecture-going New Yorkers.
Would it not be better to get
up for him a cozy audience,
such as would crowd very full
your largest room at Med. Coll.,
and so have him lecture under
the direct auspices of brosy, or
chiefly to Medical Scientific
men Sanateurs?

To my surprise, I met
Pickens still in Boston on
Saturday, - which accounts for
your not ~~seeing~~ seeing him -
and as to hearing from him by
letter, that you know is an
unusual thing.

I enclose a line from
Dana. As to the Botany
matter at W. we could not
expect any more speedy action

now that, by the throwing up
of Rich the whole Botany
business is to be confident &
provided for. (Your name
is now properly before the
Committee & Milner - they
cannot well pass it by,
there is I suppose no appi-
cant that can stand in
your way. - So I would now
let it take its course, and
without manifesting any soli-
citude wait for them to confer
with you. I would say
nothing, except to Henry, who
should be made to understand
your views and wishes. He may
be able to further them.

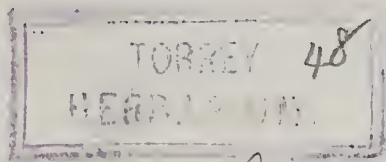
I shall be disappointed if
the offer does not come to you
before the 4th March.

As to the parcel from Young

Agarth, will you ask Hastings
to take it - & get also a parcel
at John Carey's for me - I
send by Express - with any thing
else that may be at W. H. P.

Let Hastings collect from the
Express the my portion of
the charges & pay over to you.

I have Kutuzov's paper from
Gramer (I think the figures are
compiled, not original). But
what is better Ruprecht has
sent me from the Academy
all he can muster of Trinius'
Grass. (Monographs in the Mém.
Acad. Pétersb. - - at my Request.
(I sent the Acad. a copy of Sullivan's
Musci Aleph.) - Also some papers
of his on the Botany of Arctic
Russia, which are interesting to us.



2

Let me begin this sheet by asking you, now that you are at home enjoying a short and sweet vacation - that you will look up that no. of the Quarterly Review that I could not at the moment lay hands on when I was there. Bring it with you to New York, and send on with first parcel to me, and I shall feel greatly obliged.

You will have a pleasant and enjoyable holiday, surely, and I should delight to be with you. But, situated as I now am, that can seldom happen I fear. If you eventually go to Washington there will a still

greater geographical distance
between us! I have fine
opportunities for study here,
which I do not altogether
misimprove: but I am too much
alone, and am growing perceptibly
arid.

I wrote to Mrs. McGilvray
direct to Montreal, knowing
that the Rev. gentleman, her
husband, would probably have direc-
tions as the P. O. about his
letters. A few days ago
I got a truly pleasant
letter from her (which is not
this moment within reach) dated
Glenarry District, VanVlecks-
Kill, which is all I can say

as to the address. She
hopes to be thus way in
the Spring, and to leave in
the June steamer.

General move on slowly,
but perceptibly.

Don't forget the copy of
Labiatae Stamp and acc.

I am a little in doubt
whether to begin printing *Alora*
soon, & move on slowly - or to
wait till the other families,
(except Labiatae) are prepared
and in the mean time print
other things. I have been

working evenings at a sketch of
a North American Manual, to name

ks - opposition to Wood, who is against
in his second edition. I have
a good plan sketched out. It seems

now quite necessary to do this
at once. It will yield no dividend
to speak of: for it must be put
so low as to drive most of the
field, while, at the same time,
it will cost considerable labor.
But it will hold the field till,
in due time we are ready
with an United States Manned.

— To make sure against anti-
cipations, — & to fill up a blank
sheet in our Proceedings of Amer.
Acad. now commenced, I have
printed off the characters of the
new Texan Lindheimerian Composite.
I will send you a copy next
week.

If you will write out your
notes on Batis, I will have them
printed here. We may use this
quiet mode for securing many
small things, or others that we can
not at once fully elaborate. —

Kriestum has not sent me the rest of the Lowell plants - though I have urged him over & over. Mr. L. is now arranging his botany and Gease is probably to glue for him through our ensuing vacation. - So Mr. L. wishes them now, if ever.

Instead of sending these, for which the cash is always ready, he sent me two parcels of 120 species each to exchange for him in Europe! But instead of doing so I sold one of them to Prof. Cleaveland & forwarded \$5. by mail to K. last week: - and shall watch for a chance to dispose of the other also. I wrote him to send the two sets for Mr. Lowell

and nothing else. -

Luckman has not yet
got his pay from M. S. -
At least, he still owes me
some 3 or 4 dollars. I conversed
with him about his dealings
with K. in a guarded way,
- not letting him know that I
had all his letters to K in
my pocket. - and found that
his memory was far from retaining
the true state of the case.

I thought that, as soon as
he was in funds, I would show
him his letters, & plead Kries Kurs,
wants and rights. - but before
that it would be of no use. -

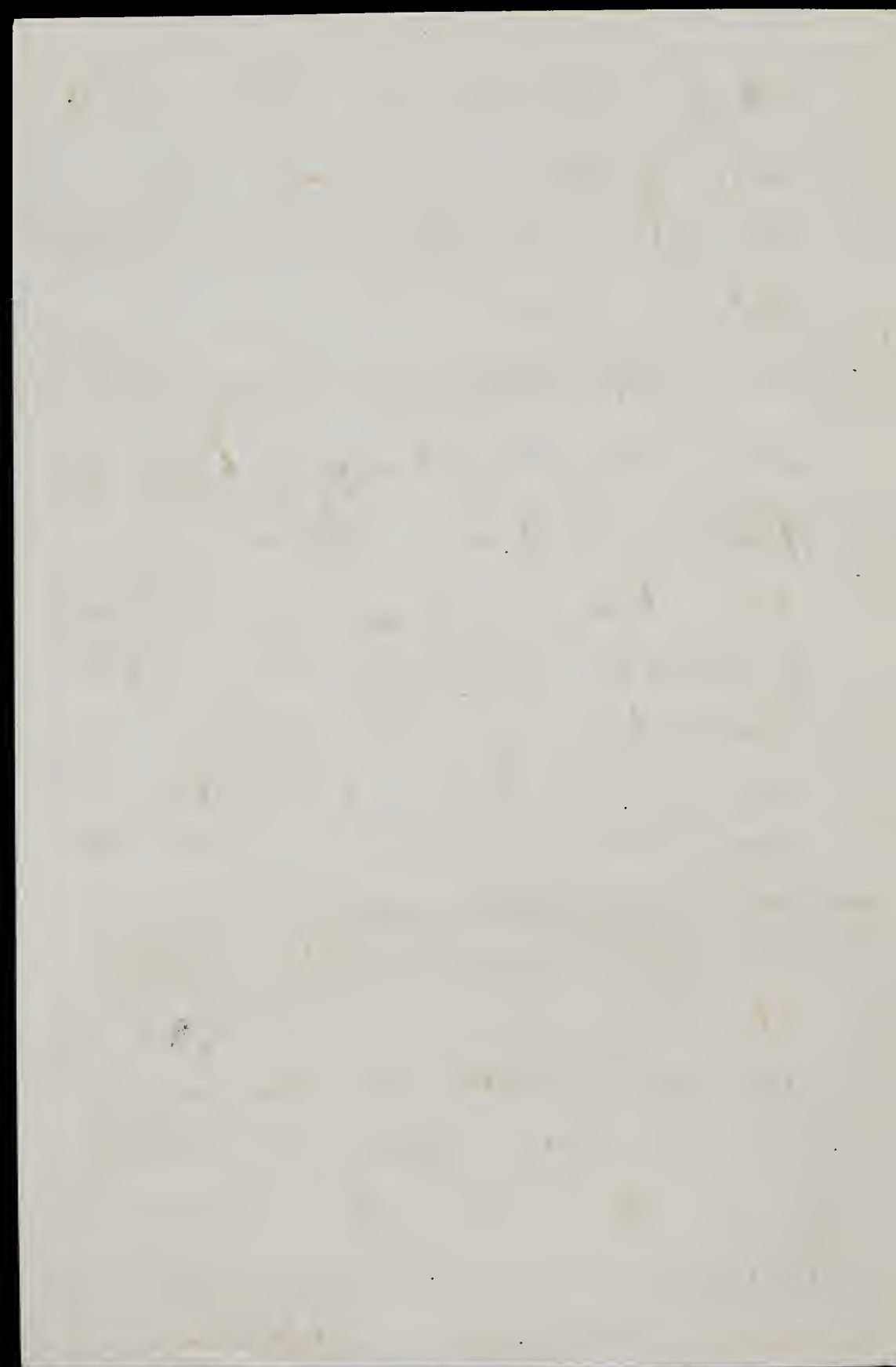
I. is much perplexed by having
run into debt ~~with~~ in purchasing

Carlyle philosophical books at the
sale of Mr. Pickering's Library,
— on the strength of his expected
pay from U.S. —

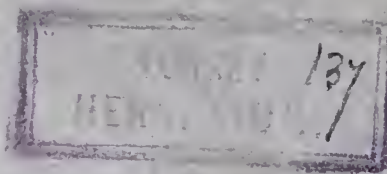
I am sorry, I cannot
advance anything to help K,
but I have Sprague on
my hands — for whom I have
to make advances, and shall
have till our first volume is
out, — so that altogether I
can only keep my own head
above water.

Love to all, — with kindly
Christmas greetings. Remember
me especially to dear Herbert.

Write me from Princeton —
for I get no other letters from
there. Yours affectionately
Monday morning. Asa Gray



Tuesday Morning.



1846

My dear Friend.

I hear nothing from you whatever, nor have I any parcel from you - tho' Holton has been here, pretty direct from Princeton. I hope my parcel, sent thro' W.H.P. reached you safely. -

I have now done the Scrophs, excepting the Gerardiaceae, for which I await your material. The Pedicularias, Veronica, &c. it will not be worth while to send me, I can collate them when I come on in the autumn. - But the Hydrophyllaceae & Hydrocleaceae, I want now, very much. - I have got on pretty slowly, tho' I work hard, & constantly. I must keep at it. Send also the Gentianaceae, if you please. - I got the other day specimens of Epilobium Cardinale with rose-colored flowers, - from Plymouth.

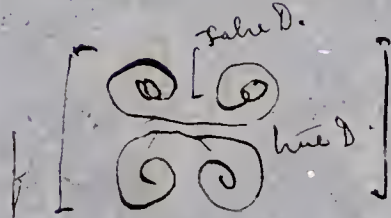
I have a copy of Dr. Muhlman's book on Ventilation, addressed to you by Dr. W. - which I will send by next parcel. I understand now the structure of the fruit of Echinocystis. It harmonizes the views that Lindley adopts, & that of Smith. - which in fact are much the same thing, differently expressed. but the young carry a cross at the very base, and

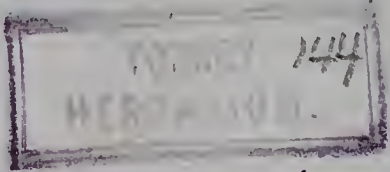
you see



Yr. hate Yr. serv

A. Gray

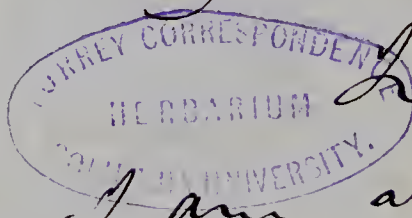




Wednesday -

1846
(1846)

My Dear Doctor



I am studying Plantago
I am at a loss for some
Southern & Western Material
which I trust your Herbarium
will furnish. Please do not
forget to bring your American
specimens!

Will you bring me, in little
tin box, flowering specimens of
Dentaria diphylla, with root &
with root & - - It does not
grow in Eastern Massachusetts
Also ~~Antennaria~~ Cardamine rhomboides

Please tell me in reply, if
you can not lay hands on them -
so that I may duly apply to
some one in N. America or Mass. to
send them to me.

Have you any Amer. Plumbaginaceae
besides a Plumbago of Key West - &
our common Statice?

I will next take up Primulaceae
& Lentibulaceae - then Gentianaceae
if you will bring your material
in all these.

We will look over the
Tromontian things when you come.

Sprague will be pressed for a
little while - but will soon
have time to do the rest of the
drawings you need.

Do you expect any more
plants from Tromont till his
own return?

A new set of Lindheimer
plants ought now soon to be
received.

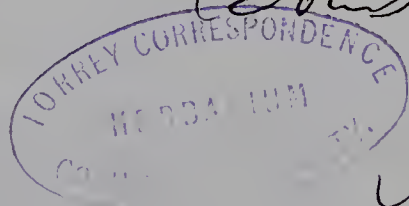
A Mr. Baird of Carlisle, Pa.
called on me yesterday — evidently
a most keen Naturalist (ornithology
principally), but a man of more than
common grasp. — He talked
about an evergreen — Leont. Vaccinium
— which I have no doubt is
V. brachycerum, My. that I
have so long sought in vain!

Do not forget the Quarterly
Review which you have. —

nor
Griffith's paper on Santalum
to. — at the College

I write you this morning.

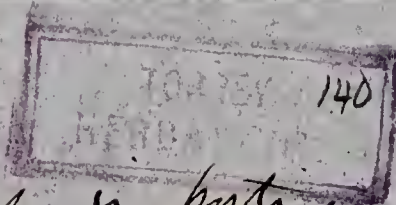
Yours affectionately



A. Gray

Dr. Torrey

W. J.



1846 (?) 12

I have no means of importing now direct from Germany. I can procure Kunth & Schumacher by an order through Wiley Putnam. But in that case the books will be sent here to me, - and there will be double expenses by Express back & forth. Had you not best give your order to W. J. P.? You hardly want Mrs. Agostini. Bradburn, do you?

You shall have your way here when you come and be as quiet as you please. Had you not best really wind up before the 29th - as to lectures, and so make some considerable stay!

Don't forget to write Sullivan, and praise his Musci!

I dare not touch a sort of American Bot. Journal, nor would I load myself with all that anxiety & labor, - constantly recurring every 3 months, or even months, on any account, even if sure it would be successful. I would gladly contribute to a good Journal that any proper person would take charge of. My ~~other~~ plan, however, ^{& which I spoke of} I think I shall be able to carry through without anxiety; but if it were periodical I ~~could~~ ^{might} not dare to touch it.

Yours affectionately

A. Gray

My travelling bag is still in Boston. I have not found the small parcel I found at W. J. P. -

7. 22

to W. O. P.?
 I have no means of reporting from here -
 I can however write to you and you will
 be able to see the state of the world
 and the progress of the war. I am
 very anxious to hear from you and
 to hear how you are getting on.
 I am, dear friend, ever your
 affectionate friend,
 W. O. P.

Don't forget to stay!
and he as quiet as you please
and I shall have your money when you come

Don't fail to write Albert, and Priscilla too. Love to

[illegible]

My travelling bag is full of letters
and I have not time to write
to you now. I have a lot of
work to do.

1846
139

My Bag has just
come from Boston. — & I have
opened the parcel I found at
New York from you. — It contained
Kunth's Enum., vol. I. only;

There is vol. 2. I sent you
both. — I have ~~no~~ other parcel
for you — Nothing of the Texan
plants from Baillet's friend, which
I ~~would~~ like to see. —

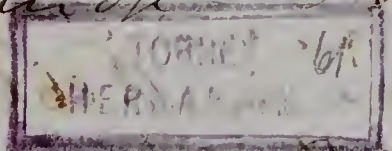
Now your Daguerotype, for
which most hearty & sincere thanks.
The likeness is perfect. — The only
fault is the red that Prosch has
put on the face — making it quite
flushed.

Let me know about the Cypræus
volume of Kunth.
A.S.

Handwritten text in a cursive script, likely a letter or a page from a manuscript. The text is written in a dark ink on a light-colored paper. The handwriting is fluid and characteristic of the 18th or 19th century. The text is arranged in several lines, with some words appearing to be in a different script or language, possibly indicating a mix of languages or a specific dialect. The overall appearance is that of a historical document.

Handwritten signature or initials in the bottom left corner, written in a cursive script.

Cambridge Friday May 1848?



My Dear Friend,

Thanks for the parcel, & your
news of Ericaceae.

As I am just now upon *Pyrola*
I have a remark or two to make - I am sorry
you had not the specimens in your herb before you -
when you would certainly have done one of three things.

1. have kept *P. rotundifolia* as put by Hooker, including
both *asarifolia* & *uliginosa* (color would be little objection for
I have a true *P. rotundifolia* with rose-purple blossoms - *P. in-*
carnata Fisch! and some of Hooker's rose-color spec. belong to
P. rotundifolia proper.) Hooker has the latter amongst his - tho.
his character does not well apply as to calyx.

Or. 2nd Make 3 species - *P. rotundifolia*, with lanceolate
or ovate-lanceolate ^{scarcely acute} rather long sepals - *P. asarifolia*,
with (Hooker's) ^{scarcely acute} broadly triangular acute or acuminate
sepals, quite agreeing with your char. of *P. uliginosa* and with
the plants, except that the sepals are rather more than one-
fourth the length of the petals. - & 3. *P. uliginosa*, with
shorter ovate acute or acutish sepals. -

Or. 3rd Keep *P. rotundifolia* - and join *P. asarifolia* & *P. uli-*
ginosa. A very slight & I fear not constant difference
in the form of the sepals alone separates the two latter;
and color disappearing as it certainly does. I think the question
is between the 1st & the 3rd - Hooker's Arctic pl. that
he mentions at the end of *P. chlorantha*. - & the *P. rotundifolia*
Kort. & Lind. Buchtay. are just *P. uliginosa*, with whitish
blossoms - also *P. occidentalis* R. Br., W. Batsch! & Don.
I suppose *P. prinula* & *P. Greenlandica* Hornem. are the same.
So that the name *P. uliginosa* seems to stand but a
poor chance. -

What shall I do? I think the slightly produced
anthers which you mention in *P. uliginosa* (more than in *P. rotundifolia* - but less than in *P. chlorantha*) also holds in *P. asarifolia*, and may help it out.

With my recollection and the specimens compare
to make me think that you have described the leaves
of *P. uliginosa* as too dull. The upper surface is merely
glistening. (I see that in the observ. you speak of the calyx-
segments as "acuminate" - last line but one - That would make
your character exactly accord with Dr. char. of *P. asarifolia*,
and with genuine specimens.)

Why do you only quote one locality in *North*
& that Dr. K. - when you have had the plant in your
herb. from me since 1832, along side of a real *P. rotundifolia* -
the differences indicated in the labels. - and the name
was first given subsequently in reference to these later specimens
(from various localities). In the Catalogue you have given
the range extensive enough, so far as regards New York. - Do
not imagine that I care the least for the omission of my
name as the discoverer.

P. chlorantha is a more common plant than the few
special localities would make appear. It is all through the
Western & Northern part of the State.

You are quite right about the authors of *Pyrola*.
(p. 451). Where did the mistake arise? It is in Wahlb.
P. fr. - I was told Dr. Dr. Endlicher &c. - I wonder at
it. The least inspection shows that the filament is bent
back, or still in the bud. - and this by the way is the
general observation in *Ericaceae*.

P. 429. The compound pollen of *Ericaceae* is an old observation,
I wonder that Dr. and Endlicher have omitted it. But it is far
from universal - the pollen is simple in many genera - e.g. *Clethra*.
The proper number of grains is 4, but as we can't see behind only
3 are usually visible in any position. - But Sprague

has come, and awaits my attention, and I must quit.

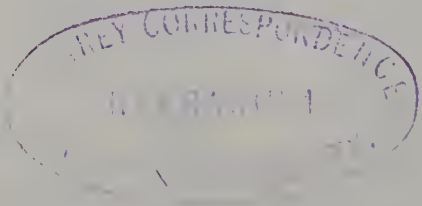
If you want to show pollen tubes beautifully & readily to your class - Scrape off the pollen from an oldish anther of *Utricularia* - They are long & very fine.

In haste

Yours affectionately

Georg is waiting, and sends best regards. -

A. Gray

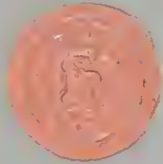




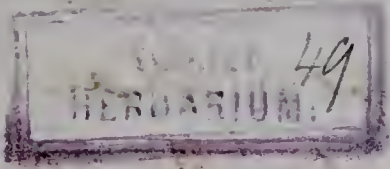
Dr. John Torrey

Princeton

New Jersey



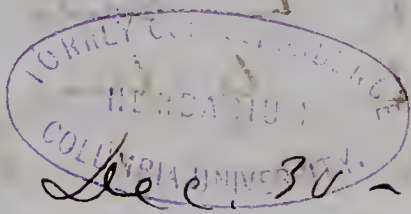
Returning to Agassiz's letter



Cambridge, Jan 2. 4. 1877.

Monday Morning

My Dear Friend,



Your favor of Dec 30 - 31 - reached me on Friday. On Saturday Agassiz ^{was} with me, and I now hasten to present his views.

I find I was right in thinking he would prefer the select and more scientific audience in your College Lecture-room - to a fashionable crowd at the Tabernacle - He says he does not want to lecture any more - but to devote his time to scientific labors & researches - and that the inducements that would weigh with him in accepting your invitation, are not the cash that might come to his pocket, but the good he might do to science.

If your Professors therefore write him (and I think they would put the nail on the head by doing so) he wishes me to say, on the one hand, that he would expect you take the charge of the whole arrangements yourselves, so that he may have no thought about tickets, attendance, and all that - and also that your scheme of 200 secular tickets at \$3 & 100 medical at \$2, would be quite satisfactory. - and, on the other hand, that he shall come, if, on consideration, you think best to invite him, without any chaffing or grumbling in case you

the proceeds should not turn out to be just what you expect. — The general plan of the course he is now devising is just the one, for you. — though he could not just repeat it, if he wished — as he lectures with out notes & from a full brain. He gives 1. the Morphology, so to say, & Comparative Anatomy of the Animal Kingdom — 2^d — Development from the ovum. 3^d Succession of Species in time. — 4. Geographical distribution of extant (or fossil) species. &c. — I promise you a rich treat. He has now got his English in well enough trim, and charms all, with popular & scientific! I observed to him that there was much quite new to me in his last lecture on the Radiata (especially the Echinodermata). He replied that it would be equally new in Paris, much of it.

Agassiz says, that if he lectures for you he wishes it to be as late as possible, for he does not conclude here till near the close of January. — is tired of talking, and wants a little rest. — He would prefer March — but I suppose you must insist upon Feb. while the Med. Coll. is in full blast. — Would not the middle of Feb. do to begin? — as his lectures might go on during your examination.

Now I say this. Agassiz, in his desire to oblige & to be of service, would just throw

himself into your hands, and take what you
chose to give him. — But I say, that as
you can not but fill your room perfect by —
perhaps to \$350. — in the way you suggest. — Your
College itself (who will be most benighted) shall
assume the trouble & make the arrangements for
lighting — find the gas, & attend dance — and give
A. \$800. All you get over it may go to
pay expenses — or into your treasury. —

I suppose you want \$12 lectures. —
but you can have more if you ^{desire them} ~~wish~~.
Let me add that Agassiz treats his subject
so that ladies may attend — just as they do
here. — Indeed he would like to have them. if
you can find room.

Pickens says he will be at New York
in long — I will see you.

Agassiz approves Huxley's views about Mammals —
& has written a fine letter to Huxley, which
I forward to-day — In haste

Yours very
A. Gray

[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page. The text is arranged in several paragraphs across the page.]

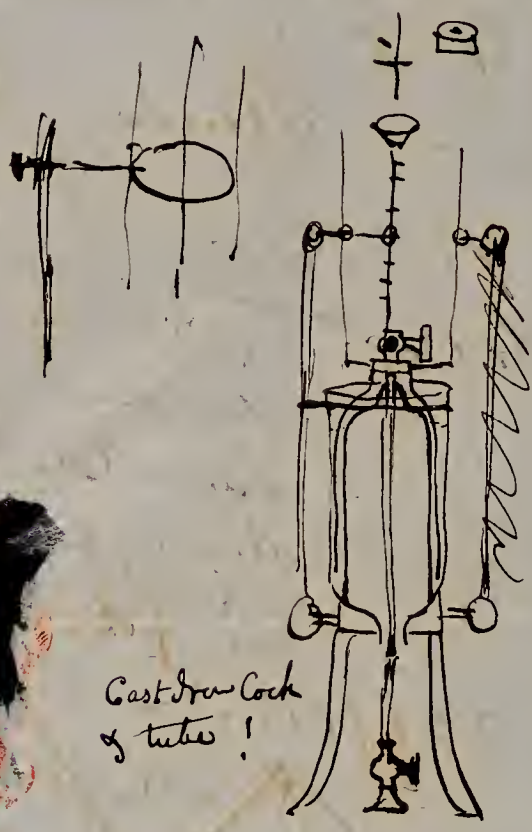
Friday Evng. 1847

My Dear Friend, I send you this rough report of the Fre-
montian Compositae, - embracing nearly all. There are some com-
mon looking Aster, & Helianthus in which I have not care to name.
Also a few Asterisias - which perhaps I will add ~~to~~ before this sheet
goes. They are mostly the same as those already named.
I specially request that you will send me the locality of
the numbers specified below, - as soon as you can conveniently can.
We are all well, and busy as bees, - Did Mrs. T. receive
my parcel by Adams Express. (Yours ever truly
Asa Gray)

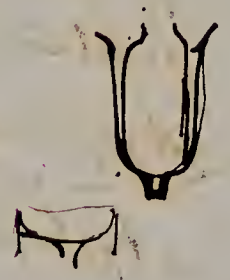
What arrangements with Dr. Hook, about the
veg, mal, medica drawings.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Professor John Torrey
67 Crosby St.
New York



Cast Iron Cook
of tubes!



171 TORREY
HERBARIUM

Send Lambert to Paris

Jan. 10

Please send me at once the locality of no. 18

396 (1844)

Sandy places, very abundant
usually singly in tufts

Also 414 - of the 1833 collection

Encampment Arkansas, north

" no 7 - of 1844:

Valley of the Arkansas, just below mouth of the
"bottom" of the river, - below the mouth of the
Tombigbee - give brief history of each locality, - common file

580 (1844) ~~Nuttall~~ Balsamorhiza capitata.

553 " " incana.

7 " " ^{Fremontii} ~~ovata~~, Torr. & Gr. - a new species
- a new species, with blue hairs.

near B. deltoidea; Nutt. than any other; with the radical
leaves ovate or spatulate, entire, on short petioles; the cauline
leaves (2-4) ^{nearly} similar, often subcordate; petioled. - nearly glabrous
or when young with soft villous hairs. -

482 (no year) Chrysopsis filosa; Nutt. with the involucre not caescent, - two new

730 " " C. mollis. -

274 " " hispida

439 " " do

+ Stenotus linearifolius.

- 373 (1844) S. florifer?

414 (no year) An interesting new Pyrrocoma (Eupyrocoma), very
distinct from either P. carthagenoides or P. radiata, with
lanceolate setigerous - acuminate involucral scales, and rather
many rays. - Goes much to strengthen that genus. -

P. foliosa Torr. & Gr.

- 396 (1844) Pyrrocoma (near S. Phyllostoma) speciosa. Torr. & Gr.
Involucres not bracteate, of numerous narrowly lanceolate
acuminate scales, ~~not apparent~~ but squarrose; appendages
of the style triangular, much shorter than the stigmatic
portion; achenia silky caescent; rays very large,
apparently light yellow. P. speciosa, n. sp.
Aplopappus (Euplopappus) tortifolius, Torr. & Gr. and
Aplopappus (S. micella) aff. A. lanceolatus.

+ Aster (Encephalus) elegans.

+ Aster glaucus - -

713 (no year) " Same?

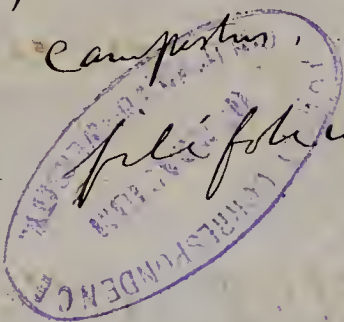
313 (1844) Same.

Asters - ~~fat~~ ramulosus, canpestus, adscendens. B. -

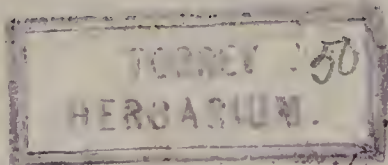
44 (no year) Cosmidium filifolium.

+ Same -

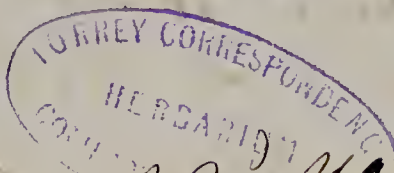
+ 286 (no year) Artemisia filifolia



Picturing to Agassiz letters
Monday Morning
Jan. 24 1847



My Dear Friend



Yours of the 22^d reached
me Saturday evening. From it
I learn with surprise that my
letter in answer to your former one,
which as yours arrived on Saturday, I
despatched my answer on the Monday
morning following, just a fortnight
ago. I hope put it in the
Post Office that morning. I directed
as usual to no 67, Crosby St. I
think. Thus knowing the date,
please to apply at the N.Y. Post Office,
- look in the advertised list for that
week, and I am confident the
letter will be found. I think it
contained some Botanical Memoranda.
one not of French. for which I asked
localities. I also desired you to
send on the parcels for me, with that
from Carey, which I understood he has
left with you as there are things in it from Mr.

Cartes, which he wants my remarks on,
Please send by Express, adding any-
thing that Grant may find for
me at W. P. -

Sorry I did not know that Mrs.
I was in New York - think I should
have come on - as in 5 weeks now
my college duties begin, and I am
fixed here till July.

Can you send notes of Labriaceae
& Ranunculaceae. -

Agassiz has finished his lectures
with great éclat - most admirable
course - and on Thursday evening last, he
~~gave~~ volunteered an additional one
in French - which was fine.

I gave you the explanation you
asked for in my last letter, which I
still hope you will find. What I
then said, about the excellent tone of his
lectures generally was fully sustained to
the last. They have been good lectures
on Natural theology. - The whole
spirit was vastly above that of any
geological course I ever heard, his
reputation of Lamarckian or Vestiges views

most pointed and repeated. The whole course was planned on a very high ground, and his references to the Creator were so natural and unconstrained as to show that they were never brought in for effect.

The point that I. A. Smith has got hold of was a few words at the close of his lecture on the geographical distribution of animals, in which he applied ~~the~~ ^{his} ~~same~~ ^{are} views he maintains (which are those of I should still further extended) to man. He thinks that animals and plants were originally created in numbers, occupying a considerable area, perhaps almost as large as they now occupy. ~~He~~ (I should mention that he opposes Levee & others who maintain that very many of the tertiary species are the same as those now existing. He believes there is not one such, but that there was an entirely new creation at the commencement of the historic era - which is all we want to harmonize geology with Genesis). Now, as to man he maintains distinctly that they

are all one species. But he does not believe that the Negro & Malay races descended from the sons of Noah, but had a distinct origin. This you will see is merely an extension of his general view.

We should not receive it. (Rejecting it on other than scientific grounds, of which he does not feel the force as we do)

But so far from bringing this against the Bible, he brings the Bible to sustain his views. — Thus appealing to its authority, instead of endeavouring to overthrow it; he shows from it (conclusively) that all the sons of Noah (Hans with the rest) were the fathers of the extant Caucasian races, — races which have remained nearly unaltered from the first, and that if any Negroes proceeded from Hans descendants, it must have been by a miracle. — That is the upshot of the matter. We may reject his conclusions, but we cannot find fault with his spirit, and I shall be glad to know that Dr. J. A. Smith, in the whole course of his public teaching, has displayed a reverence for the Bible, equal to that of A. — I have been on the most intimate terms with him. I never heard him express an opinion ~~or~~ word adverse to the claims of revealed religion: — His admirable

Lectures on embryology contains the most original and fundamental confutation of materialism I ever heard.

Now, I am sorry you have been so dilatory in extending your invitation, on account of your Med. Coll. as well as for the general good effect of his lectures. For I fear you have lost him.

His audience have requested him to give a short private course to subscribers here, on any subject he chooses. In his good nature he has consented, and will give five or six lectures on the glaciers, which will probably commence just about the time you want him, at least for the purpose of aiding your Med. Coll. — He cannot spend the time you suggest in New York for the purpose of making himself known that he may obtain an audience, nor would he, I think, even if his time were not so fully occupied. He is now hard at work with D'Arbois, at the work we have been so long desiring to have.

^{Perceiving to require}
a Zoological Text Book in the fashion
of my Vol. I. B. - and he wishes to
do most of his part of the work before
the Spring takes him into the field.

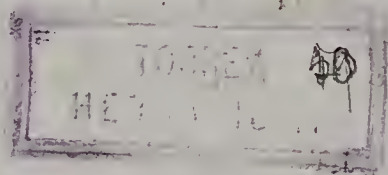
As to lecturing he can do as much
here as he wants. - and he will not
seek a class at N.Y. - but would only
come on the ground that he might be
useful to Science. If he gives the
course he is partly promised to give here
I suspect he could not come to N.Y.
till near the end of Feb^y. at any rate.

But I must break off. Tell me
what news you get from Henry.

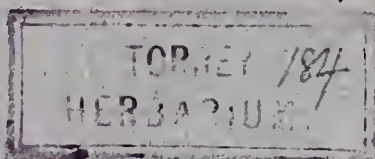
Have you yet got your copy of
State Reports from Albany. Why do
you not forward the Correspondence to the
present Governor. - In haste

Yours cordially

A. Gray



Cambridge Dec 7. 6.



My Dear Doctor

I have been quite sick
with a cold - so has Agassiz.

A. showed me a letter from
Dr. Stevens - your friend, inviting
him to lecture. - also one from
Delapied, Pres^r. of Lyceum. Was the
last intended to draw him
towards the opposition Medical col-
lege. If so I have stopped that.

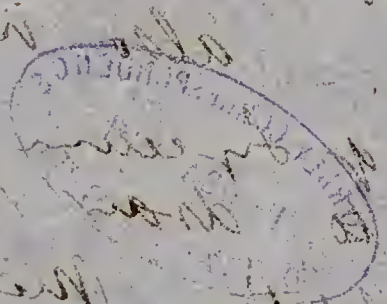
I think A. will be obliged
to decline lecturing in New York
till next year.

May tell me what you do
with Sarracenia heterophylla Eat?
A species? - If so how characterized?
I am greatly oppressed with work.
Yours ever A. Gray

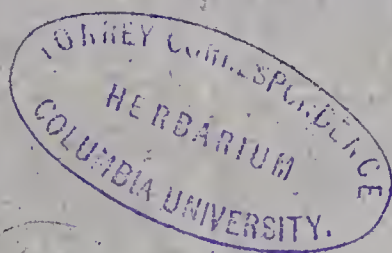
London 29th July 61

My dear Doctor

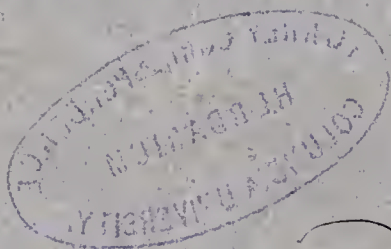
I have been quite well with a cold - No has I have
A letter from
Mr. James - your letter
from the lecture -
Philadelphia. I have
not in time to
reply to the
letter of the 29th. I have
been very busy. I will
be back in London
in the next few days.



Very truly yours
A. M. S.
I am great
yours ever



Handwritten notes in cursive script, including the word 'Torrey' and other illegible characters.



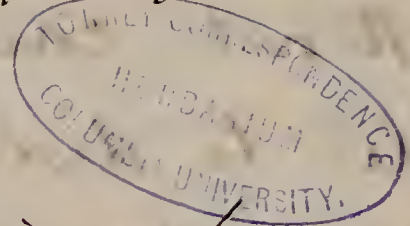
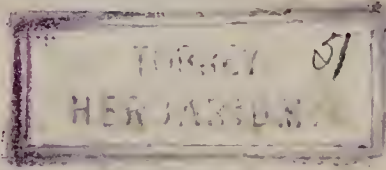
Dr. John Torrey
New York

Rec'd of And
Feb 18th

Cambridge 15th February 1847.

Wood's Manual

My Dear Friend



I have to-day a line from
Kriekem, in which he speaks of having the
sets of plants for Mr. Louch at length ready
or nearly so, to be sent on to New York by the
first opportunity, and he desires me, when I
get his next letter, apprising me of the amount,
to get the money from Mr. L. and forward to
him by mail. It occurs to me that you
may have been advancing cash to him;
so that I would ask whether, in that case, I
should not, as I before intended, forward the amount
to you, - that you may refund. I should sup-
pose his two sets ought to contain 500 species &
each. K. has not yet named his price.

I have been excessively pressed with work, or I
should have written before. I shall have to
task myself to the utmost, and work with all
my might all the spring. I think I told
you that I had learned that Wood is stereotyping
a new and amended edition of his book. I was
glad he stereotyped - but he is learning something,

and if allowed to stake the field another year without competition, I fear we shall not be able to dislodge him afterwards. Under these circumstances I have felt it quite necessary to make an effort at whatever hazard - though already postponed to the last moment, - get up something that shall be ready to meet him when he comes out, - carrying down the Text Book to Species for the North, - something that shall at any rate be better than his, and which by sacrificing profits, we can supply at a very low price. This may hold the control; in some sort, till the Flora is done, and we (or yourself) can prepare a more carefully digested United States Botany, when my hurried locum tenens can go into disrepute.

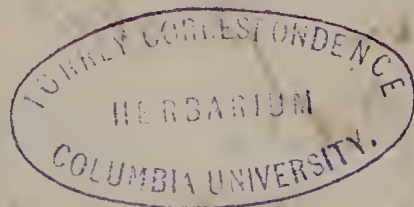
I should not have the courage to load myself with this task now when I have so much weight on my shoulders. Did I not feel that Wood has been shabby, and was not the plan also quite independently proposed to me by Bullivant (whom Wood lately visited) and who volunteered to prepare a synopsis of the Musci Hepaticae.

I find, too, that I am losing ground here, even by continuing to teach Botany without something of the kind. What I do must be done off-hand, and be all printed off early in April, & thrown into the market. Oakes sees the necessity, and will cooperate. If there were time, and if it promised any return for the labor & vexation, I should like to have you share in it. I thought of condensing it so much, that I could have it bound up with the Bot. Text Book, for the use of schools, - others in pocket-book form for the botanist in the field. As soon as I can get a specimen in type I will forward you a proof. - I am waiting for accounts.

Agassiz begins his lectures on the Glaciers on Wednesday. Had you completed your arrangements earlier you might have heard him in New York. But I imagine it will be better to catch him next autumn, perhaps at the opening of your Med. College. At the same time you would do well to engage him to give a short course of lectures to med. students under your auspices, on Embryology. It would be very taking. He desired to be kindly remembered to

you when I write. Any news from Washington?
Rich being off for California, they must now be
making some arrangements soon. Sullivan
writes me that he has just been applied to, to
take the Musci. He has promised to look at
them when he goes to W. in April, and see if
they are worth his while. If so, he will do
them. I know that you will take the others,
or any part of them. I should think there is
no one likely to compete with you.
What says Henry? I'm much haste. Yours.
Cordially A. Gray.

Professor John Torrey
Medical College
no. 67. Crosby St.
New York



Jan 20th 1877

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

190 TORREY
HERBARIUM

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

My Dear Friend

When you return to Princeton I shall be much obliged if you will look into your herbarium for a few flowers - fertile flowers of Coccoloba Carolinus. Our plate is waiting for them only. - I had stam. flowers from the garden - & good fruit etc. from my specimens. - but pist. flowers I have not, neither have Greene or Mr. Lowell. - Two or three in a letter will suffice.

Rogers & his friends are grievously disappointed at the filling up of our Rumford Chair. Lately, since Agassiz has so unsparingly & thoroughly cut up Lamarckian Vestiges theories. Rogers & friends have found it was high time to disclaim them, and something, we know not what, induced them to think that, on privately renewing him as a candidate, they were to ^{the contrary} carrying in without our knowledge till all was done. - But "it was the dog that died", as the song runs. It was they who were taken aback by the sudden appointment of another man. Dr. Warren has also announced his intention

to retire from the anatomical chair. So we have some hopes of fixing Dr. Jeffries Wyman here in Cambridge, if not also for the Medical School in Boston. — the latter doubtful. —

Meanwhile the Corporation has ventured to announce our projected Scientific School, and events seem to favor its coming into real operation before long. Under these circumstances it becomes the more important that I should be ready to teach Practical botany, and have a Florida for the purpose, however imperfect. The time occupied with it, too, will now mostly occur while I must be occupied with college work, which always distracts too much to allow me to work at Flora, which requires coolness, continued attention & absence from flurry. — I worked hard at that up to the first of this month. — It must now lay over till summer, — so that you can take time for the ~~orders~~ of Campanulaceae &c. — and the other orders. I dislike the idea of making this present exertion, especially while so much is on my hands; but it is a conjuncture that must not be allowed to pass. — it would be so difficult hereafter, to recover lost ground. —

Thanks for your letter of the 17th - 18th.
I shall feel nearer you, if you come to the city,
and shall be truly glad if you in that case
can dispose of the property at Princeton for what it
cost, - including expenses laid out on the house &c.
I partake of the feeling, - perhaps a prejudice against
Princeton, and you will feel less at home
there now that Henry is gone. The others are
some of them most excellent men, but not likely to
sympathize heartily with scientific men.

Did I tell you that Sullivant writes that
he has at last been asked to do up the Musci,
for the Expl. Exped.

As to Wilkes he does not
know what the state of the Botany is. Treckman
has done only the Lichens. The Ferns &c
were given out to Breckenridge - to keep them out
of Rich's hands. Now I know that though B,
as the collector would like to be associated in the
working up, he will not undertake to do the science
himself. - Pickering too told me that he surely
would work up no part of the collections himself.
He said he would also make use of my
statement, that it will not do to publish Rich's

plates, even. let alone his text. Wait for them
to move and this thing must turn out right,
I think, in the long run. The part that Rich-
can have pretended to prepare is small compared to
the whole materials. If they publish a volume
of his matter, I will take care to show it up (if
no better than I suppose it) in such a way that
they will probably see the true position of the thing,
and must, sooner or later, put the work into proper
hands. It will be best to show no anxiety about
it, till Milnes finds himself brought up short, which
they must be whenever they go to press.

Dr Gould fortunately came in just as I
received your letter on Saturday. I knew Ag.
could have said no such thing apropos to your
invitation, for from the first, he expressed the greatest
willingness to lecture as proposed, if it would be useful
to science, and to such an audience as you proposed.
While, at the same time, he said he ~~disliked~~
would have nothing to do with public show lectures
to a Metropolitan audience, who would look upon
him much as they would upon a play-actor, singer,
or lecturer on Mesmerism. What Gould
said to Fenchitwager, he tells me, referred to his
lecturing in this way to a general public audience.
Gould too, was not informed as to the real character

of the invitation, nor the plan. Agassiz does understand, and appreciate it. He also held himself bound by his promise freely made to me, to come if you invited him - and had Stevens written at once, even then he would have come, for he kept back his reply to the Committee who asked for the glacier-lectures for some time, in order to hear from New York. With a little more promptness, your invitation might have been in his hands before that was made. - (You must understand that the promised lectures on embryology, for the Summer Medical School were smaller matters to be arranged to meet his convenience, any time next summer, & probably will not be given till he returns from the west.)

It turns out much better for A. to remain here, for a single course will make out his means for the coming season very well. & by that now delivering he is doing better than he could elsewhere, with little bother. A Society in Boston that has funds - on learning that he would lecture, officially assumed the invitation for the purpose of relieving him from all care & risk, - took the whole management - and I am told mean to pay themselves for the room, lights, & attendance - giving A. a round check for the whole proceeds from the tickets. The room engaged for the purpose, is perfectly filled, and that too with the best of audiences - the

tickets being put rather high on purpose. — and he is not only gratified — as he well may be, with such an audience, — but will put a clear \$1000 into his pocket. Meanwhile, by the aid of Pontates, &c — his work-shop (looking like a wholesale butchery) goes on flourishingly. He has been of great use to Science here, and we shall long feel the benefit of the impression he has made upon the minds of men here. —

He enquires after you most cordially always, and retains his high regard. You must see more of him. Of course, I shall not say a word to A. about Fenchetwayer's report. It is not worth a thought. — and on the other hand you may be sure he is not the man to speak slightly of the few acquaintances he made in New York.

I hope you will write some Smithsonian Memoirs. I cannot, as now situated in respect to the American Academy, — it would not look well. Though the \$3. per page would be most welcome, — for I find that it will be necessary to increase my income to meet the advances I am obliged to make to Sprague, George, and a younger brother's education. — who will probably enter College next August. I should like it, if our Scientific School showed by & by thing in a few botanical students,

Since I wrote, I have borrowed of Agassiz the only copy of your State Botany (Vol. I.) that I know of in this region. I agree with you that I shall need greatly your 2nd Vol. - but how shall I get it? I have an order with Currier, thus far nothing comes of it. Lowell also wants to buy it.

Is your 2nd Vol. yet published? How shall I get hold of it soon?

Did I tell you in a former letter that there is reason to fear Selessart is no longer living?

Prof Harvey seems able to carry things his own way at the Smithsonian.

Let me hear on return from Princeton, how all my dear friends there are. I now never hear from them directly, and, indeed, I fear that such hurried letters as only I am able to write are not deemed to merit a reply. If they knew how I am loaded down with work, they would not wonder.

Please ask Hastings if the Oberlin from London comes to New York. I think it is a New York ship. I have a box on board her from N. B. Ward (plants only, no invoice) which I should be glad to have him look after. Please remind him

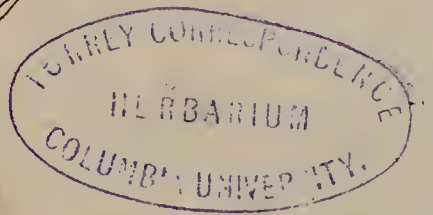
to be on the qui vive for the Texan ship, which
has some things from Wright for me.

Shall you be at Princeton after this week?

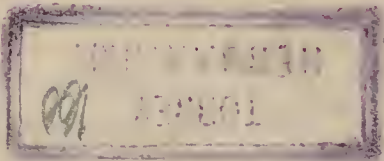
George sends best regards. — I remain.

Yours faithfully

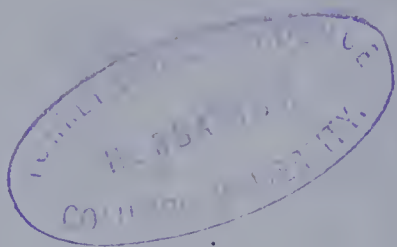
A. Gray



Prof. John Torrey
Medical College
No. 67 Crosby St.
New York



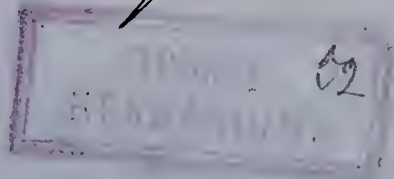
On letter received 47-48.



Boston, Feb. 22, 1847.

Washington's Birth Day.

My Dear Doctor



Your last favor - and that of Kriesken reached me this morning. I hastened immediately to Boston - & Mr. Lowell proposed to send this check of \$70. - to you to pay to K, when the plants are actually dispatched -

Mr. Lowell asks that, K, & yourself should fix the price of the plants and not leave it to him, or me.

If this now sent is not enough, more shall be sent. - If too much, let K. send as many as he can of those plants he writes of to me, (Cypripedium & Gracilis, &c) of which he can furnish only one set. It is storming dreadfully. Advise me of the arrival of this

Yours faithfully

Albany

1844, Feb. 22, 1844
Dear Sir

My dear Sir

I have the honor to acknowledge the receipt of your letter of the 19th inst. in relation to the matter of the purchase of the land for the purpose of building a bridge over the river. I am sorry to hear that the matter is still pending, but I am sure that the authorities will do all in their power to expedite the same.

I am, Sir, very respectfully,
Your obedient servant,
J. B. Smith
To the Hon. the Board of Supervisors
of the County of [] State of []

Very truly,
J. B. Smith

Monday May.
JERNEY 144 8 March - 1847 (J.S.)
HERBARIUM

My Dear Doctor

I send a little sheet
of Memos. added to which
let me say that neither
my herb. nor Lowells', Greene's,
Carr's, or Curtis' has any
pistillate flowers of Coerebus.
I think I
asked you to look in your
herb. to see if you can
find me one or two.

A pod with seeds of Scleria
and a seed or two of Marsca
cuneifolia - will make me
all right in brucifera. The
last pods from Pistula are
very satisfactory. I think we

have him now in
good training.

Thanks for the offer of
the sheets of vol. 2^d State
Alma. Will you entrust
to the mail those of the
appendix that contain the
earlier orders. — Polygamy. for
instance. — Indeed, by next
week I shall want your
2^d vol. I hope. I am
working along pretty fast.
Grant will forward a parcel
if you will give it to him.

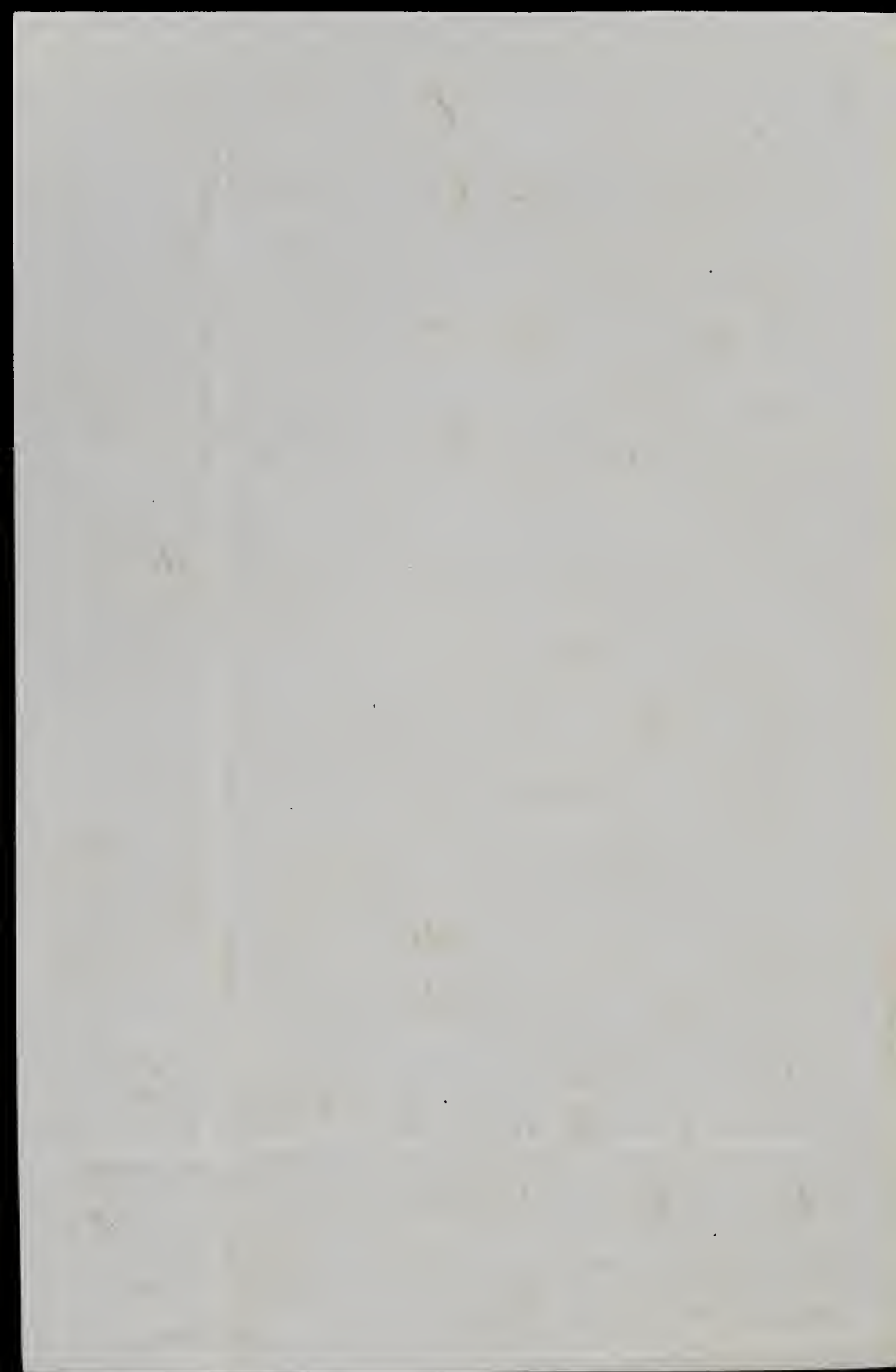
I told you Emerson's
box came safely. — but
the remaining parcel — the
named by Carey — has not
yet arrived. — I presume

Lowell's check to your
order reached safely.
and served in part to
relieve ~~Kristen~~ ^{Kristen} pressing
necessities. — But I have
had no acknowledgment of
it.

Is it yet settled that
you remove to New York
in the Spring? — or not
till autumn?

George is waiting to take
down my letter as he
goes to recitation. — He sends
best regards. —

My thanks to Eliza for
her kind letter. — I will write
as soon as I can command an
uninterrupted hour. — Yours ever
Alfred



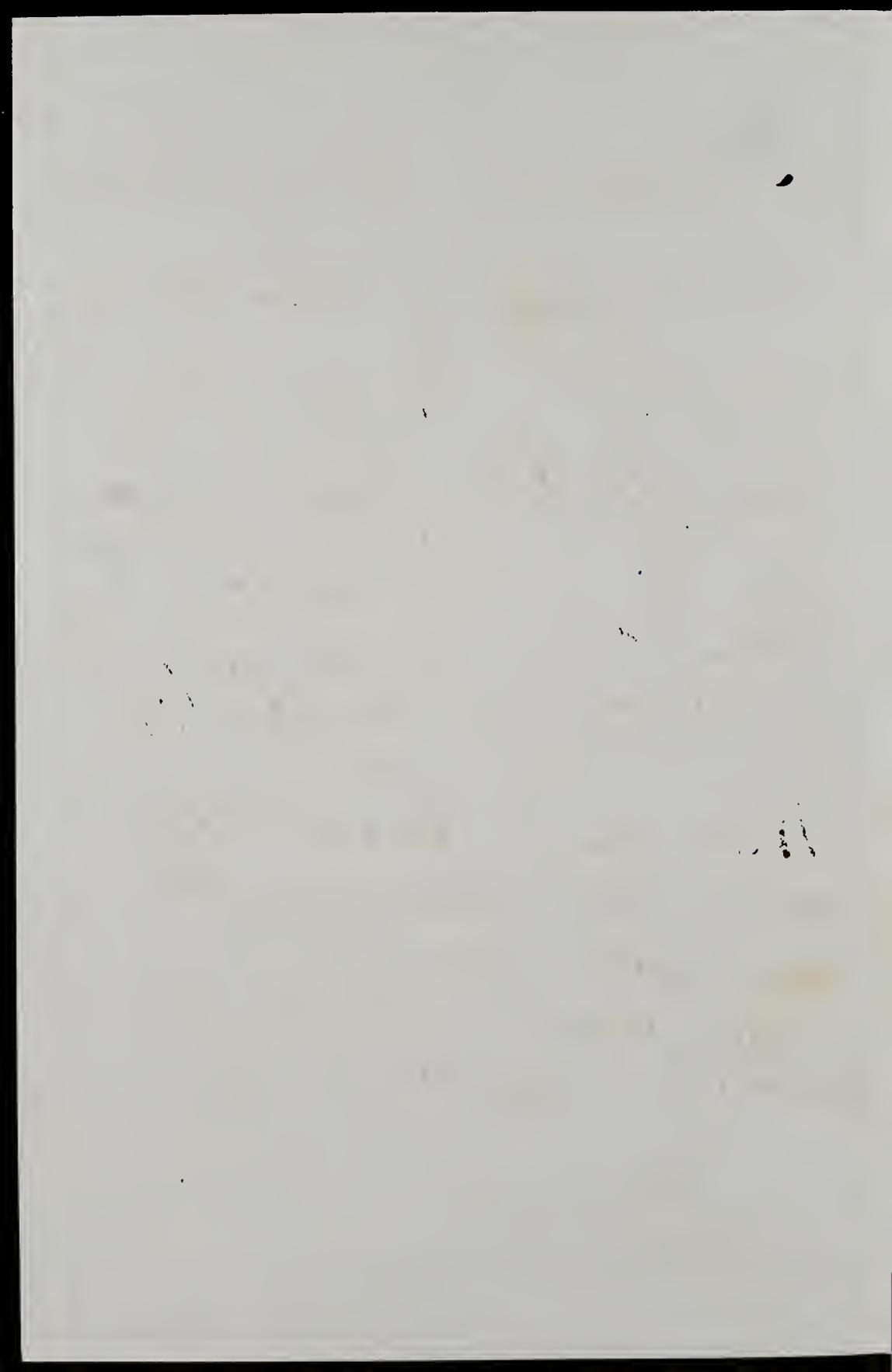
1847
172
Toumami untes (Lau Y. B.,

Je me ferai un charge particulier
d'accomplir vos desirs par rapport à
M^r le Dr. Torrey, personnage bien
respectable, et pour lequel j'ai beau-
coup d'estime. Je chercherai de réunir
pour lui un choix des plantes rares
Illyriennes, et de celles que j'ai reçues
de mes amis de la banquette, Styrie,
etc. --- etc. --- etc. ---

No doubt he will send
you a fine package of his
admirable specimens.

He wants subscribers for
his next expedition to Bosnia.

I think Mr. Lowell will
subscribe. -

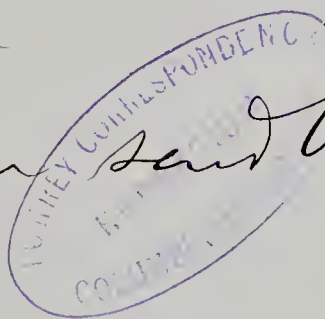


My Dear Doctor

I want a pod of
Selenia, with seeds
greatly - right away -
for Prague -

Will you send by
mail

A few seeds of Mareca
cuneifolia wanted.



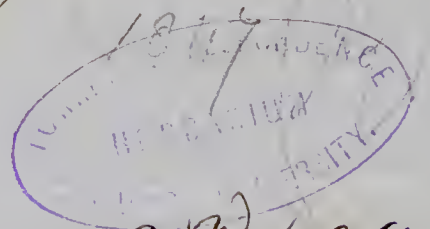
Thompson

$$\begin{array}{r} 56 \\ 3 \\ \hline 6/100 \\ 18 \quad 75 \\ \hline 110 \end{array}$$

Adapted

Wednesday, Midnight, (31st)

1844.



My Dear Friend,

Thanks for yours of 23rd & 29.
The former brought the specimens quite safe. —
the latter came this afternoon.

I am going to make up a parcel
for you to-morrow — or I will let it be till
I hear from you again — to know if there is
anything you think of. Besides, I have laid aside
for you — a lot of Punch — Aclepiads, which

De Caisnes paper on Aclepiads, which
I have bound. I send the vol. —
— I wish to send also the Aclepiads, from the
yet unstudied Lindheimer Collection of which the
last came yesterday. — I will send them all
to you in the parcel — with one or two Aletris
— as soon as I hear from you again (Monday?)

As to Sullivan's Aclepias I have not the
fruit, but it is on the way to me in a
box from S. stopped by winter. I moved it to
me. It is soft-spinose, like A. cornuti. My

flowers from Sullivan are not very good, like yours. —
but I pluck 2 and a bud from ~~but~~ Engelman's
specimen (loaned to me) which I enclose in E's
label, which you can return, i.e. the label.

Have you Curtis' *Asclepias acrotidis*? or shall
I send it?

Capt. Melles, I hear, was at the
Observatory here yesterday. I saw nothing of him.
Fickerman will do no more than his Lichens,
Sullivan has been applied to. — Says that
he will be at Washington, and see, in April.
Perhaps he may be useful to you there. — I
like the idea of Melles enquiring after you — shows
he has been placed on the right track. —

If I can keep him busy must remain here
till May. — Work enough here, for nine men.

We found the embryos in bromia, — very doubtful
dicotyledon. — will send you a proof when I get
one from Pursh. —

Sorry about Maggy's eyes. — Much love
to Herbert.

A long letter from Alph. D.C. came
to-day, which — as it is full of botanical matters,
I send you this bulky. You see that a portrait
is on the way for you. — the one you wanted.

Finding a good ^{duplicate} specimen of *Scirpus mucronatus*,
real, of Europe I enclose it to you — Perhaps you
have not so good.

I know not where the fragment was published.

I know not where the fig. of *Scleria* was published. The specimens of *Aletris* I left with because we lost, - with some means.

Pray write Darlington, if you still have a letter of his unanswred. The poor man has lately lost his wife, after an union of 39 years. It is greatly sad & dured.

Agassiz is sick, - confined strictly to his bed for 10 days past. - is now convalescent.

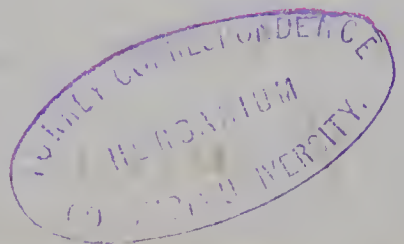
Sprague has sent your herb. specimens of *Scleria*, and I have looked everywhere they should be. - Perhaps they have got misplaced in some of the portfolios of yours I have. If so they must turn up. For the figure we shall do well with the plant you sent; but it was all the bar with no septum. I want to see this carb for the tissue - ~~and~~. - But you will be surprised at one result which your specimens yielded to Sprague's quick, and always accurate eye. - and which turns the tables upon us. - *Scleria* belongs directly to *Myrmica*. - the radicle is ascending on the side remote from the septum! A curious prolongation of the cavity of the seed on the ~~side~~ cotyledonary side deceived you. - but the radicle is not there, but on the other side, as ordinary. I was very sorry not to see Mrs. Fournier, but the stress of work on my hand

has been tremendous, — and I dare not suspend my
College classes, — which are quite laborious, — My cordial
love to her — hope to see her as soon as I am liberated.

Dr. L. Torrey
Princeton

New Jersey

If you have occasion to send a parcel, add a specimen
of blume, for the leaves etc. — The dissections we
can well make from what you kindly sent in the
letter. — In haste. Yours most cordially
Albany



April 20th 847

Cambridge, Thursday Morning

My Dear Friend



Yours of the 12, with the enclosure reached me last evening, and I hasten to reply by first mail.

My idea of Wilkes is quite confirmed by this letter of his. He is a very dirty fellow, and it is plain, in my opinion, that you will be much annoyed hereafter if any thing is left at loose ends in your arrangement. It is not for me to advise in the matter, but I should for myself first require that the closing remark in his letter should be apologized for and withdrawn.

Then it seems to me that this matter of "consultation", about which he writes in such a vague wordy way, may in the result give you much annoyance. In fact I would not promise to do what Wilkes can neither explain nor define. I think, after this specimen of Wilkes gentlemanly ways, it would be best to cut all that short, somewhat in this manner.

Offer to do these Ocean & Calif. Plants
and nothing else, cutting short all vague
promises of consultation, for your first
named sum, and you yourself to furnish
the analyses ~~for~~ all the drawings required
or which they will agree to publish, and
pay for it out of that sum. — (Securing
the proper analyses well made under your
own eye, all the rest could be respectably
done by their draftsman & engravers at
Washington. — At, Offer to do these
collections for \$1200 (or even \$1000, ~~the first~~
apologizing for his fling about extravagance
of price — which comes with a poor grace after
they have paid \$1500 for the description
of a few paltry lichens.) — for your
knowledge of the plants of the region in question
happens to be so full that you may tell
him you can doubtless afford to do them
so cheap as to avoid the charge of overreaching
extravagance (though you will not undertake
the Sandwich Islands plants. — (which are those
next to be sought after) nor the Antarctic
(which are next) at any such rate. But
that, with this proposition you will make
no engagement about consulting with
any body, least of all with any person or persons

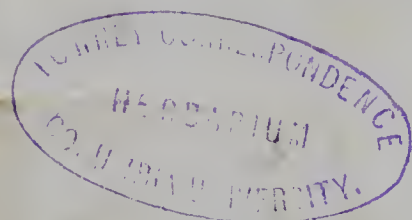
unknown. - You may also add that at
while you refuse to fetter yourself with any
such engagement and responsibilities as he proposes.
you will very cheerfully ~~promise to give~~
your advice when asked for by Breckinridge
or Pickens (!) or Bullitt (to whom the
monies are I am told to be assigned) free grates,
only providing of course that your expenses are
to be paid, if you are asked to go to Washington
or elsewhere. - But that you will not
promise to advise ~~with~~ any such general
engagement with persons unknown and
in regard to matters which he cannot
specify. - but prefer to surrender a
large part of ~~which~~ what is a fair price
for the work, and what they must of
necessity give to any one else, if you decline
whom they can possibly get to do it, always
excepting my self, who will have nothing
to do with a matter from which you retire.

I repeat my opinion, that the study
and whole preparation for the ^{preparation} of the
collections in question will be, ^{remarkably}
easy work - much easier, indeed, than
writing the flora of any one of our States, - because
not complicated with old difficulties sentryments -
very few things are new, - all are plain
as noon-day. - I write in great

Hate — Best love to Mrs. Torrey & the girls,

Yours sincerely A. Gray

Very kind love, and agree to your view
"for substance of doctrine" (Package sent
to Mrs. Torrey, according to former letter)



Prof. John Torrey
Princeton
New Jersey

Cambridge - Monday Morn.
April 26th 1897

My dear friend,

I wrote you a long letter some time ago, but have almost forgotten what it was about. I now want you to make some examinations for me & to "report progress" very speedily.

Carex heterostachya. Torr. (Sill. Jour. Sept. 46) Of this we have only one (very rare) specimen, labelled by Torrey himself, but which I instantly saw bore a close resemblance to his own C. Cruei, & from which I find that I cannot in fact distinguish it. Still I think it impossible to believe that he should have described the same species twice, in one paper!, without noticing the similarity; & I should therefore at once infer mistake in the specimen but I find that as to all important characters the specific phrases of the (two?) species are absolutely convertible! Now please look into this, & if the plants are the same, which name bears priority? I suppose your own was known to him long before Cruei's plant, tho' published simultaneously with it. If the plants are really distinct please inclose me a good working specimen of your C. heterostachya.

Carex Torreyi, Luch. What is to be done with this, & is it really found in N. Y.? Luch.^m refers it to you, & you in the Hb. G. quote him! Does it exist at all, in our part of the world, or has there been confusion in Hooker's Herb. where it seems Luch. found it? Finally, is the plant anything but C. pallens? I have not any very high opinion of Mr. Luchermans' acumen.

Carex cyperoides - We have found foreign specimens, but had no American, I wrote to Mr. Olney who could only furnish poor & insufficient ones, from which, however I determine (always with my master's consent & approbation) that our plant is distinct from the European, as contrasted with which I observe the following differences - the perig.^m is scarcely stipitate, tapering from a merely contracted (not attenuate) swider base, into a much shorter beak, of which the teeth are also shorter. The perig.^a are less distinctly nerved than in *C. cyp.*, are more crowded on the rachis, & the larger beaks of *C. cyp.* give to that sp. a more bristly appearance - The achen.^m in our plant is ovate, not ovate-oblong as in *C. cyp.* & the stigmas are exserted, whereas in our spec.^{ms} of *C. cyp.* I find them always included, & not often reaching to the orifice of the beak. The scale is abruptly mucronate instead of tapering gradually, & is proportionably shorter - Now I wish you to examine your specimens with reference to all these points & tell me how they hold out. You must soak the perigyn.^a to get at the true shape of them as the base contracts when dry - Also please send me the general descrip.ⁿ of an average spec.ⁿ - The number of the spikes on a head, height of plant, leaves &c. - Is Deucey's descrip.ⁿ (last No. of Phil. Jour.) correct in these respects - I subjoin my Char. as follows.

C. sychnocephala. Spicis androgynis, inferne masculis crebris arcte capitato-aggregatis folioso-bracteatis; stigmatibus 2; perigyniis compressis e basi ovato-lanceolata abrupte contracta subseffili longe sensimque rostratis apice bifidis margine scabris squama hyalina lanceolata abrupte mucronata paulo longioribus.

I remark, incidentally, that master & I are at issue
as to my specif. name which he thinks abominable
but which I regard as highly euphonous, & better yet, most
illustratively significant. I only add my best regards
& leave our friends to (in parliamentary phrase) "fill up
the blanks" — A.C. Do you know Pick^{rs} C. neglecta,
& have you got it to send us?

Apr 26 - 1847

My Dear Friend,

I think I have no botanical
mens' in mind to send you this morning, — and have
only to remind you that it is some time since
we have heard from you. I trust you duly received
my last, returning Wilkes letter, and I shall be
anxious to hear how this matter turns out.

I think I forgot to mention to you that
young Gilliman told me that the quarrel
between "the Committee" & Pickering was dismissed from
head, and that Pickering was dismissed from
employment. This may account for the tone

of Pickering's letter. ~~without~~ so that we may
suppose he did not intend to write in ill will to
you. — Did you duly receive the parcel

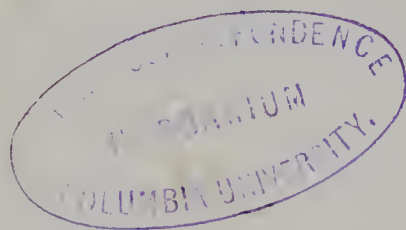
I sent you through Grant. I want any
mens, you think I may require about Asclepiads,
& Scanthids. This week. Give me a char. of Asclepias
glaberrima.

I do not yet know whether you
remain this summer at Princeton, but suppose so.
My affectionate remembrance to all. — hope to write
next week to Mrs. T. but am still very greatly pressed. — The

cans that grow out of the garden now come in to
swell the amount. - But I am quite strong
and hearty. -

Yours faithfully

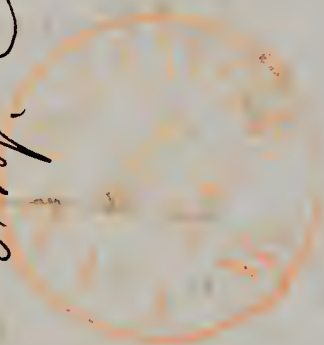
A. Gray



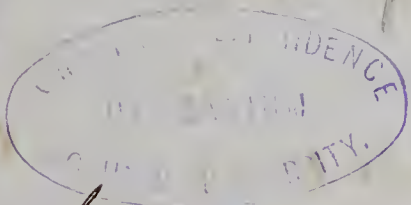
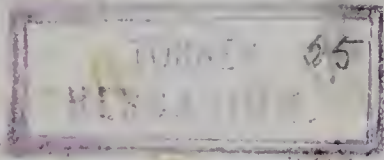
Prof. John Torrey

Princeton

New Jersey



My Dear Friend



Thanks for your favor of the 10th -

Busy as I am, - pressed beyond what is pleasant or profitable, yet I am never too busy to receive a letter from you with pleasure. -

I hasten to reply to

the most important topic, that which relates to the Chemical Professorship in Philadelphia. I hope you will not delay to let your name go to the Board as a candidate. No other place so good

as this is likely ever to offer again, - and though it is not desirable in the abstract that you should be obliged to abandon Botany as a pursuit, yet this professorship is one for which you are so especially well adapted, - one which yields so good an income, so desirable for your family, - and it is so needful for your own comfort that you should be relieved from all anxiety about such matters - in fact there seems to be every reason why you should secure the place if it falls in your reach, and none to the contrary that I can think of.

Sturges cannot well give up his present position. - indeed he ought not. - His influence ought to be powerful in your behalf. - Patterson can have no particular qualifications for the place, - and I

imagine is in no danger of being disturbed at the Mint.
He has held his place through one or more Whig admin-
istrations, — and if the Whigs expect to sweep out the
incumbents of such places, then I hope they never will
get in, that's all. As soon as you hear that
Henry declines, I hope you will let your name
be brought forward. "In 1847 began Harvard College this sum."

You have heard of Mr. Laurence's donation of ~~scrip~~
\$50,000 to our Scientific School. — Well is it not?
We shall have more, yet. Agassiz & Desor

have gone with Mr. Lowell to Niagara, — to return
via Champlain and White Mts. — about the end of
this month. You will see him hereabouts when
you come on, as I trust you hope to do, after your
Centennial Commencement. Bring the Compositae then,
of Expl. Coll. — also Acrophul, & the other Monopetalous
families that I have elaborated, and we will fix the
greater part of them while you are here. —

As to the Exped. Alpe & — pray do not raise
points that they have already decided (however
correctly) at Washington. Let the Alpe come into
your own hands, if there is no one else — and then
send a set to Huxley, whom it will be easy to explain
this matter to, and arrange to satisfaction of all parties.

Huxley is now engaged on ~~Alpe~~ ~~Alpe~~ a
~~Century of a Monopetalous~~ an Alpevia Amer.
Austro. extra-Tropica.

Garay is still here. He finished the berries about a week ago. He has since been naming a coll. of State Michigan plants, and selecting duplicates. — has next to overhaul a collection of Fern plants from Wright. — I select out for Mr. Lowell, as well as what he may need for himself.

I have not seen Sprague since your letter came. (I was at Beverly when it arrived.) — But he has taken what I should say was by no means a large share of work to do this summer, even for a slow-worker like him, and I am sure he could make 60 or 80 folio drawings for you between this & Jan 1. — some of them soon. — and I should vastly like to have him, so that you may have something as it should be to show in the work. (Drayton has been on to show me thin Bot. engravings, I tell him thin analyses should chiefly be made over.) But as to price we should have to fix it for him. It would not pay for a month. — ~~At least~~

Ascertain first whether you are empowered to engage him, and then bring on some of the plants, and, if you will pay decently well, I will engage that Sprague shall do them.

My arm is tired out. I cannot write plainly. — I should like to come to your Centennial and especially to spend a few days at Princeton afterwards — But it will occur before my college work

is over, and long before I am done with the printer, where I am pledged to keep one compositor employed:— so that you had best come here. — Bring Herby, by all means. — Nor can I leave the garden at this season. — and farther I have been obliged to advance so much for Sprague, who has not even yet finished the 1st hundred of drawings for General. — that I actually should find it difficult to make the journey to P. and back. I have been wishing to go to New York on business, but have concluded to try to manage otherwise. — So it is not that my desire to see you all at Princeton is not very strong, but that practically I cannot leave here without great difficulty at present. —

Carey I think will soon leave me. I trust you will come and take his room. — or at any rate there is another for you. I want your aid in contrivance for a new study &c. — that I think of adding to the present. — Cases for collections — ample for the future, as well as room for botanists & small classes to work in. —

I have been concerned on Miss L.'s account. She has been quite sick, but is now recovering though rather slowly.

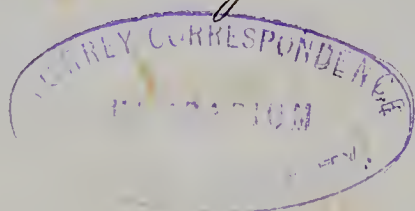
Love to Mrs. T. and the girls.

Are Maggie's eyes well yet? — Yours very cordially

Asa Gray

Carey & George send kind regards —

Alg.



Cambridge, July 6. 1847

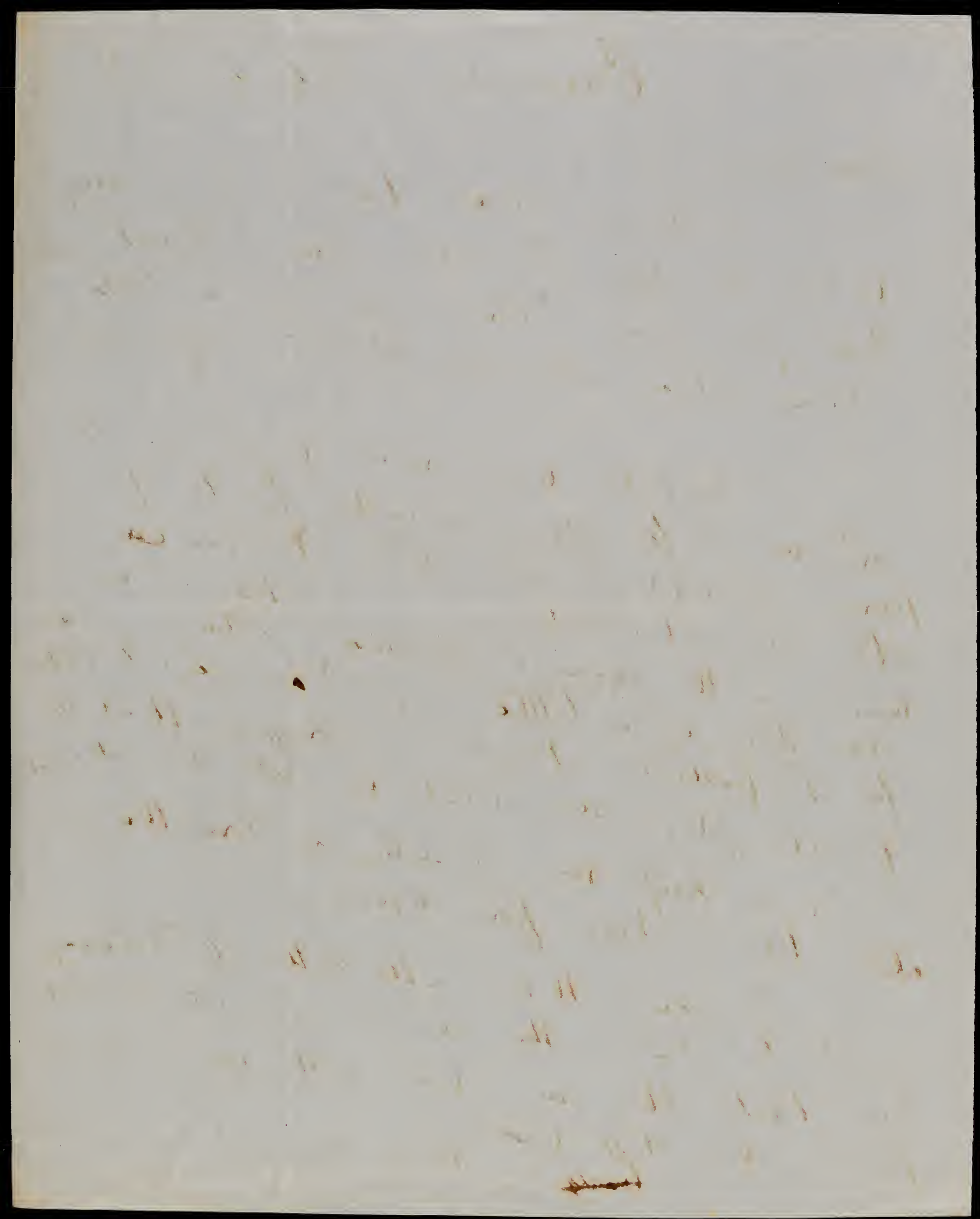
Dear Friend

Hurry alone has prevented my writing to you for some time, though you have for some time owed me a letter. I want to hear about the Philada Professorship.

et, — I hastily write now, to ask you to send me a few flowers or rather fruits of *Rumex salicifolius* (Hook) & *R. Brittanica* — Also *R. verticillatus*. — I have some men. s. on the original specimens & think I can clear them up a little. (I have sent to Baker for *R. pallidus* Wight. I suspect that & *R. salicifolius* are what we call *R. verticillatus*.)

I will keep my printer on something else till I hear from you.

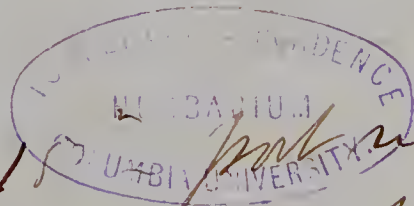
It seems that Mr. & Mrs. McGilvray suddenly changed their minds & went to New York. Very likely they are now with you — If so present my best regards: —
Barney is gone, — a week ago.
Yours ever, in haste, Algay



Cambridge July 20. 1887.

My Dear Friend

54



Yours of the 18th ^{not marked} reached me yesterday. - so that I have two unanswered. which I will hastily reply to.

Did you not know that an application has come from Wilkes, this Pickering, to Sprague to make some botanical drawings for Expt. Exped. - which, as I supposed they were to be for your use, I persuaded Sprague to promise to undertake. - at \$10. for each folio drawing with the dissections full. But since his answer given to P. we have heard nothing, - nor are we anxious to do so. I agreed to surrender a part of Sprague's time merely because I knew you would like to have your drawings made by him. - but it will of course delay my own undertaking. The price we fixed is as low as I can do them for, to any advantage, even if he had nothing else to do. The price I fixed for the drawings of genera - which I thought very large - \$6. per plate) does not thus far pay Sprague day wages - he takes so much time and care with them. I can only hope that the experience and facility he is getting will enable him to knock them off faster hereafter. (You see therefore

desire now is, to finish the work of various sorts
for which I am engaged, — and to take great
care to enjoy in little more than it will not
pay. I do not mean to be so pressed
hereafter.

Had you not best make your visit
now, right away? (You had best come
now, at once, — or wait till the end of August.
at and after commencement. How much time
can you give me? If you can bring on
your plants, you can set some here and
work to advantage. If you will only allow
yourself time, Or will you have various points
to be studied more definitely fixed, next month,

Or, will you prefer to study Emory's collection
here. — If, on the one hand you fear taking
my time from the Manual, on the other
please to remember that you may help me
greatly as to the Byss. Grami. Luci! (save
the mark) &c. —

Convenience, only give me as much time as you
can, and come prepared with work enough of your
own to accomplish here, so that you will not
be lone some. Only let me tell you that

The Lady Jane expects the pleasure of seeing you
and she will probably be absent from near the
1st August to the 23rd on a visit to maternal
relatives in Connecticut, in which case I shall probably
be in requisition for the middle week in August.

Suppose you come the last of this week, or the very first of next?

Did I tell you that Mr. Lowell is very desirous to have your *State Flora* - Can you not get him a copy, - from your expected supply? Dr. Brownfield wants another.

I hope you will see Carey - (at N.Y. or near Rahway) - the poor unfortunate man had an accident, of a singular sort, which came very near destroying his life two days after he left me.

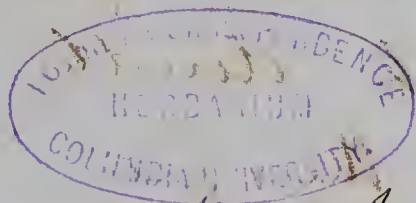
Mrs. McGilvray has wisely decided to remain for a while in Boston. - Mr. M.G. returns to Montreal this week.

Griffiths is a very well-made book (by Willis) (You had sent on the copy of Ward's book) I sent forward it, in the author's name to such person or institution as you think it would be most useful to. - I have several more to distribute. - Sorry not to see Lilman. I was at Beverly.

You warn me against soaking any Expt. Expt. plants in my mouth, - but as I have as yet had none to soak, I am as yet safe from poison. Glad these sticks to the Smithsonian. It would go to ruin without him, surely. I hope you will at the Philadelphia place. Love to all - I shall be glad to get Mrs. Torrey's letter, and tell the girls I shall be glad to hear from them. Regards to Mr. Mitchell, if still with you. My all means send seeds of Emerson's plants. Those gathered in these dry regions, I trust, are better sure to grow. - Let me hear at once your plans, and come if you can. - Bring Harkness. - Yours affectionately (Gray)



Cambridge Tuesday, Sept. 28.



My Dear Friend,

When in New York I gave to Mrs. Torrey the letter of Henry in closed to me. Henry has since been with me, & has now gone down east, to see Bache - will be back to-morrow, and go on to Albany. He, as well as I, is sorry for the result of the Philada election - But we can trust it is all for the best. It will be some time yet before men are prized in the world exactly according to their merits, and positions given without favoritism.

Agassiz will be in New York next week.

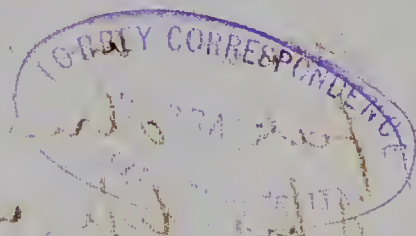
I had a pleasant visit to Litchfield, of three days, including the Sabbath. On the banks of a lake in the neighborhood I stumbled on a spec. of *Cyperus dentatus*, which in Fl. N. States you credit to Litchfield. This Mr. Brace, who is an uncle of Lane's, I met for a moment at New Milford where he now lives. There are three great Aunt's, most excellent old ladies, who live in a simple and most delightful manner at Litchfield. The youngest, who has been Lane's guardian almost from infancy, returned with us to Boston for a week or two. Their brother, Mr. Pierce, who died only last year, was it seems an old friend of yours, through whom they feel almost acquainted with you. He passed a part of his life in New York, was a mineralogist, and I think I have seen his name as a member of the Lyceum. May tell me about him. X

I found it not easy to make an arrangement in that
for the publication of the Illustrations, by which I
could get back directly the money I have expended in
it. I think therefore I shall go on to defray the
expenses of the first volume myself, which I think I shall
be able to do, and thus manage to get the immediate
proceeds myself. — As to the Manual, I have unwittingly
made it so large, in spite of all my endeavors at
compression, that I can make nothing to speak of from
the first ed. even if it sells right off.

Among the pamphlets recently received from Martins
is a copy (duplicate to me) of Lafatras "Amoridas" & his
Novae Genera et Spec. — the paper which has Crallia
you know. — I think you have it not. Will you have
it? I have also a duplicate of DeCaisne's paper on Viscum.
I must close as the hour for recitation approaches.
With kind regards to all, I remain
Yours very truly

A. Gray

P.S. I heard, I think from Mrs. J. that Mr.
Pratt is a man of considerable fortune. But since
then I happened casually to learn from another source that
it is by no means so thought. I presume however that
he ^{has made} ~~has made~~ the general state of his affairs known to
you. A.G.



1850

1850

1850

1850

1850

1850

Beverly, Friday Evening. Oct. 1. -

My Dear Friend.

My last letter crossed yours of the 27th Sept. But I will not delay to answer some of your queries at once.

Dr Lay, I think has Freycinet's Voy age. It is not at Cambridge, nor Boston either, unless in the Library of the late Dr Binney. - about which I will enquire.

- I will speak privately to Horsford about Gorkant's charge, and hear what he says of it.

The Strip. Dec. of Endlicher was a duplicate, &

therefore yours.

You never had Bory de Saint-Vincent in your own library. The copy we used to have belonged to the Lyceum, New York, belonging to their set of the St. Petersburg Trans. I brought it with me to Cambridge I have it still, but will send it to you, that you may return it when you have done with it, to the owners. I shall have a parcel to send you. Dr Greene has notified me of the arrival of some London Journal of Botany from Hooker, for you and me.

As to the class-illustrations, belonging to the college, I must either send you those here, or you must send those you hold back to me: for, unfortunately, I am now in the midst of a course of recitations on Botany with the Sophomores, and in a small room too, having been obliged to surrender the Rumford Lecture-room to Prof. H. -

so that I can use few of the Lowell Institute paintings.
You see, therefore, that I cannot well spare the
small ones, imperfect as they are.

I had 2 Mercantile Journals sent to me
containing the reports pretty fully of the later days of
the "Naturals" doing. — On looking for them to
mail for you I could nowhere lay hands on them.
Perhaps my brothers have them. All went off with
spirit, and also with harmony throughout. — the latter
a novel feature, I am told.

We have had a pleasant time with Henry;
and hope we shall see him again "down East," next
year. He departed for Albany yesterday afternoon.

The action of the Medical Faculty at Phil^a, after
admitting, as they did that you had higher claims to
that chair than Rogers, does not raise them in my
opinion, but it affords additional reasons why you should
feel satisfied with the result.

My compositor has been sick, and delayed the
printing a little. The barics by Carey are now in
hand. I have the Grasses now to do. I am trying to
understand the Tribes, in which Kunth & Pres do not
well agree, nor are the characters at all clear and
easy. I want to follow out Brown's idea of dividing all
into 2 series. — the Panicoidae with a 2-flowered spikelet,
the lower imperfect or abortive, — and the Poaceae, with the
upper florets imperfect, if any. Yes, in effect, does it, in his
Gram. Fl. Afric. Australis. But then why does Kunth
refer Alopecurus &c. with spikelets strictly one-flowered and
no rudiments — to Phalarideae, which have the one or two lower

floats about. I must do the grass with
Marvellous hurry, or my book will overrun 700
pages! I fear it will be necessary to put the price
at \$1.75, and it will yield little profit at that.
The edition is 2000 copies.

I saw Bailey, at the meetings only. I asked
him to spend a night with me, but he was staying
with Cole at Salem. Let me know how
Spencer's microscope stands trial. If he can equal
the English (Ross & Powell) his fortune is made.
We are promised the meeting of the Scientifics (who
you see have now taken a general title) at Cambridge
year after next. I was at the meetings very little.

I was glad to find that Harris thoroughly honest and
bold course has been thus far to a good degree successful,
and I am confident it will continue to be so. I
think he has got over the worst of the work. We
mean to raise a Committee of the Academy here
next week, to report in commendation of his plans.

Agassiz is probably in New York by this time. I hope you
will furnish him a fine audience, and prevent him, as far as
you can, from overworking himself with other things while his
lectures are in progress.

In my last I wrote of the late Mr. Pierce of Litchfield,
as an old correspondent of yours, and asked you to write of him.
His sister "Aunt Mary" of whom I spoke is now in
Boston. Love to Mrs. Torrey, the girls, and Herby. - and
the Lady Lane, who is by my side desires to add her.
Let me know when I am to send my letters to
New York. Please take Agassiz to see Carey & his brother. I prom-
ised A. to give him their address, but forgot it. Yours affectionately
A. Gray.

Prof. L. Torrey

Princeton

New Jersey



Dear Doctor

You will see by the query I am about to propose that I am beginning to lick up the Cyperaceae -

You place the little *C. tenellus*? in *Cyperus* proper, but then in the character attribute to it a "style 2-cleft" and a "not much compressed" Is this true, and the species inadvertently left here instead of in *S. Pycreus*? If so, the character & the nerves to the scale show that the species is different from the *C. tenellus* as described by Kunth; and as the original *C. minimus* of L. is now very scarce species, I have adopted your name of *C. bleaeri*, & placed it in *S. Pycreus*. Let me know, so that I shall not make an Egyptian Mummy of myself about it. Your note in reply will

reach me before the sheet goes to
press. —

Hooker wrote me by last
steamer mentioning Joe's matrimo-
nial engagement, but not the
lady's name. But having
seen the Greens to-day, I
am told that it is a daughter
of Prof. Henslow, and that
Hooker is very much gratified
by it.

I write to Mrs. Foner
saying that I meant to have
one day in New York, either
Thursday or Friday of next week,
I cannot yet tell which.

Since I have seen Agassiz, I
have learned that he is put
for the 3^d course of L. Institute,
this winter, — so he can be
with you in October, which will

be advantageous for your college,
I trust he has already
written to N.Y. fixing the
time. If not look after it
a little.

Yours faithfully

A. Gray

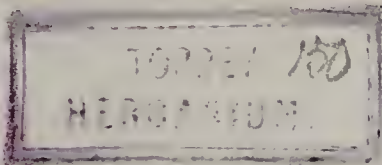
Cypripedium repens (alive) has
the spike ~~lets~~ 3-ranked, not
"distichous".

I have a kind of half fancy
that Kriesheim found *Cypripedium*
hydra in New Jersey, is it so?

to which I have added
the name of the
place to which I have
been sent to
the name of the
place to which I have
been sent to

to which I have added
the name of the
place to which I have
been sent to
the name of the
place to which I have
been sent to

Cambridge, ~~Monday~~ Tuesday.



Oct. 1845

My Dear Friend,

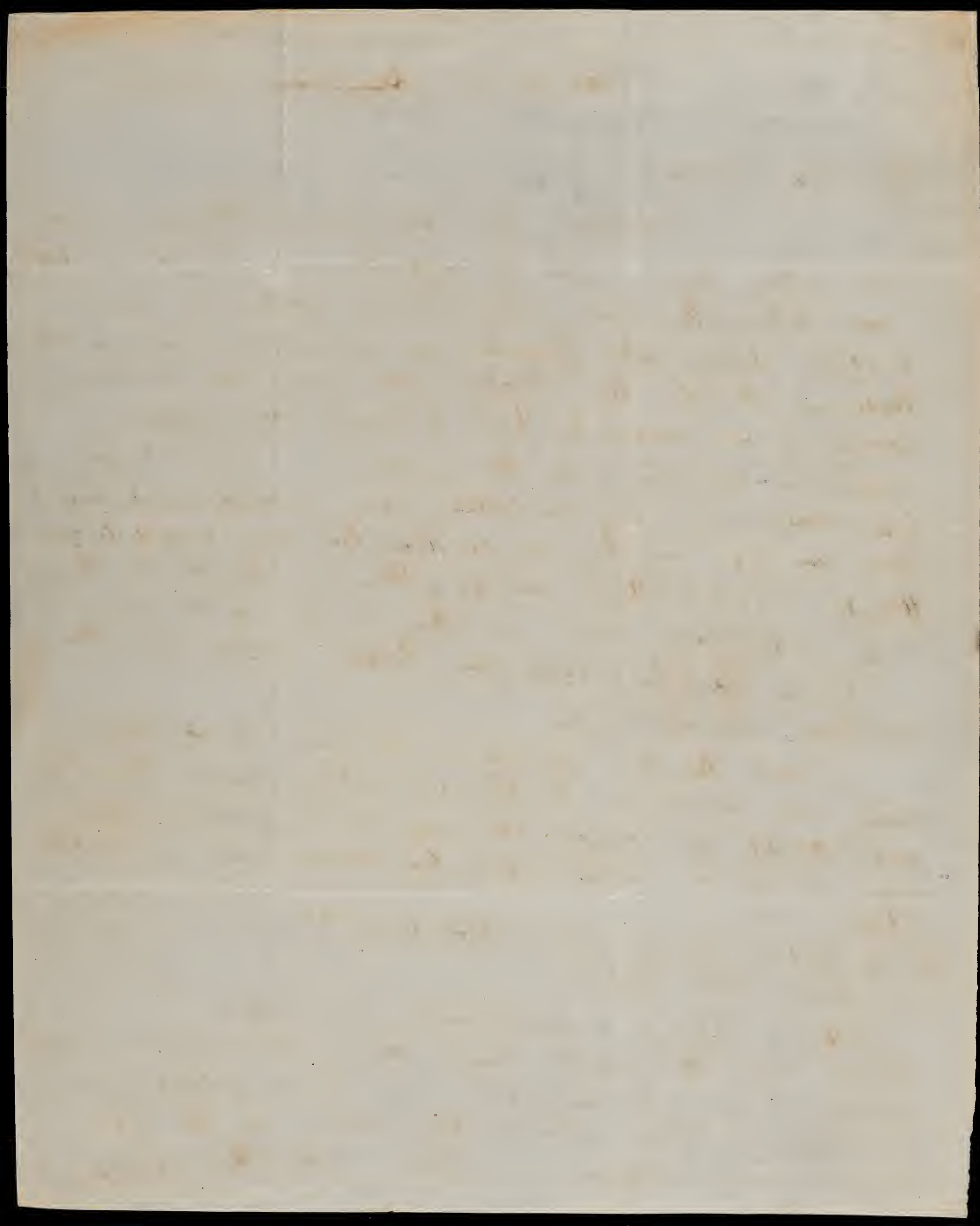
I suspect there are several things in your late letters that I ought to reply to, but my many little cares about the Garden House building, putting in furnace, & ranges - looking after plumber, etc. - as well as driving on the Manual through the Grasses (an exceedingly troublesome family to me) must be held to excuse any apparent neglect on my part, for the present. I wish you had retained my old illustrations - as I scarcely much need those you had, and they might have been very useful to you, though I do not think much of them. For all things I rely on the black-board - for others, in the Lowell set. I will send them

If you can keep back your lectures, I will send them all to you late in November.

I write this line specially on business - to say that I need some assistance to keep me solvent until Dec. 1st - and I thought you might like, now on 1st November, which is near, to send me interest which has accumulated on two notes I hold, - viz.

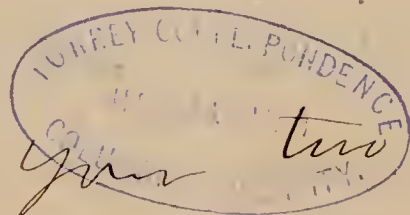
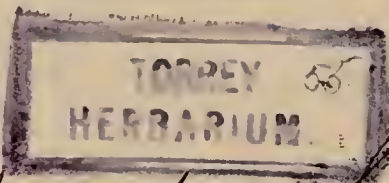
One of April 28, 1845	for \$200.	- which at 6 per cent to Nov. =	\$ 27.00
" April 7, 1846	for \$500	" " " " " " " "	47.50
			\$ 74.50

Either a check on a bank, or a draft on Boston, which the Wall St. brokers, in that way, should sell for 25 cents, would form a convenient remittance. - But if likely to be at all inconvenient to you I will look elsewhere for the little temporary aid I require. Yours cordially A. Gray



Cambridge 4th Decr, 1842

Dear Doctor



Many thanks for your two letters. the earliest of 2nd Monday, which I have long neglected to answer. — I have been as you conjecture, extremely busy. I can send you nearly all the bot. illustrations, if you desire them, — or shall you leave that matter until after New Year holidays.

I am very much obliged for the pleasing information you give about Agassiz, which has gratified his friends here much.

I heard from Hooker at the same time you did.

The Mosses are now printing off for the Manual, — and a long string it makes — Tuckerman's Lichens — then bring up the rear. With the Index I fear it will run to 750 pages!!! — besides the Linnaean Conspicuous — and the Glossarial introduction which I have still to write. You see that — to accomplish my object of bringing it into general use, I can put it at no price which will make it fully accessible, and yet afford any remuneration for this full half year hard work. — This done the Genera come right in hand. I must take up Fendler's Santa Fe plants also, as soon as they reach me. —

I enclose Engelmann's letter, which will inform you about Fendler. - Please return it in your next. -

We are getting up a strong Report in Amer. Acad. to sustain Hensley's plans for Smithsonian.

I have for you a new and very thick part of Flora Brasiliensis, which Hastings ought to have taken out at New York. - I will send it - with a new Linnaea and a new Pl. Preiss. early next week. -

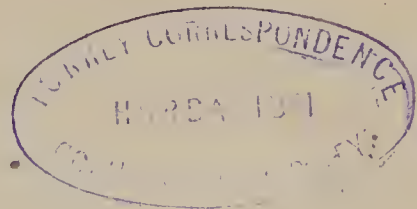
Did I tell you of the splendid present of a silver tea-kettle which the Lady Lane received (who sends her warm regards to you) last month, from Mrs. Booth (the Dr's Mother) in London. It was a way she took to acknowledge some professional services which Mr. L. had formerly rendered respecting her property for which he would receive no fee. -

My Diploma from the Roy. Bavar. Academy at Munich was just arrived. -

Remember me affectionately to Mrs. T. and the children. -

Yours faithfully

A. Gray.



\$74.50 Received, November 3^d 1847 from J. Loring

\$74.50, being interest in full on notes of \$200 & \$500
up to 1st November.

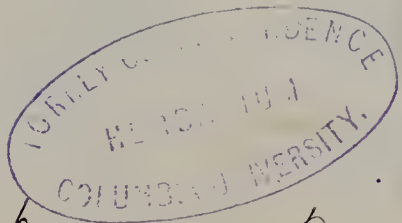
Cambridge.

A. Gray



Dr. John Torrey
67 Broadway N.Y.

New York

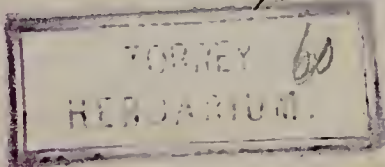


Cambridge

Thursday

1847

My Dear Doctor



1847

I received yours, with Engelmann's letter, inclosed, and, though I have little to say, I drop this line to reach you before the holidays begin, partly because I have a Mem. for Hartings to inclose, relative to Journals that have not come to hand.

I have received from Engelmann the beginning of the set for me of Fendler's N. W. Plants. They / viz. from Ranunc. to Rosaceae inclusive. They plainly show that N. W. is very elevated, and has the general vegetation of the Rocky Mts. plains and adjacent. - There are several N. England plants among them, such as *Potentilla Anserina*, *Anemone*, &c. - and almost all are familiar forms. - The specimens are very complete and beautiful!

The Manual is printed to the end of *Repetiæ*, p. 696. - Two pages of addition of the Index will make about 712 pages. - The Introductory Matters now printing will add 50 more at least, - making the vol. just as thick as can possibly be got within compass. I am obliged therefore to omit the Lichens, which Trechman has prepared for me. I am arranging to

have them printing some other way. -

George has very narrowly escaped a course of fever, with which he was threatened. He is now almost well again, though weak; and as the term is over in 3 weeks he means to start for home to-morrow.

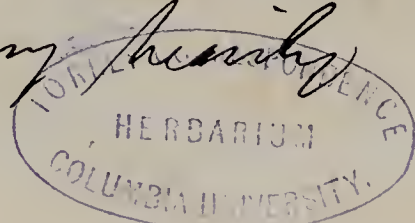
From the unsettled state in which Henry is still in at Smithsonian Inst., and from the wish prudently to avoid all appointments until they are immediately necessary, I am confident that you will learn nothing at W. definitive this winter; and I suspect that Henry will not commit himself as to the future, in the present state of affairs.

I cannot just yet take up the Mexican Plants you left. They lie on the table just where you saw them put. The Manual must first be got off my hands. I am very sincerely
burdened with work

Kind regards & remembrances to all.

Yours truly,

A. Gray



See date of Sabbath Miss Alice
HERB street Cambridge Saturday
1867

My Dear Friend

You will not wonder that I feel a little anxious, when I tell you that a month has almost if not quite elapsed, since I have heard from you, or indeed from Vermont at all!

I, for my part, should have written much sooner myself, only that I was every day expecting some letter to acknowledge reply to, - or that I should have the pleasure of seeing you in person, for you last informed me that you were coming in a few days. I fear I shall forget all the little botanical matters I had meant to take up, before you come.

I have two Linnaeas for you - one an old number missing in our sets, - & one in continuation. To-day, I got (from a bundle sent to Greene) our Journal of Botany from Hooker, - from Decr to April inclusive, - nothing else. - Greene gets also (subscribed for I believe) L. Hooker's Filix Antarctica, some late nos. of which I glanced at to-day, - very fine, and interesting.

Harvey wants American Sea-weeds very
much. I am instigating collectors to be
made this season for him at various points on
our coast. —

I feel a little anxious, when I think of our
State affairs, since I have heard from
you, a visitor from Vermont at all!
I, for my part, should have written
much sooner myself, only that I was
very busy expecting some letter to acknowledge
it. — I think I should have been
pleased of seeing you in person, for you
had informed me that you were coming
in a few days. I fear I have forgot
all the little historical matters I had
meant to take up before you came.
I have two sinners for you — one in
a number written in our list — one in
another volume. The boy I got from
a bundle sent to Green) and Journal of
Pottery from Hobbs — from New to their
inclusion. — Nothing else. Please get
also (submitted for a volume) of Hobbs
these histories, from late vol. of which
I learned of the boy. — Very true and interesting.

But you will be pleased to know
that I have just received from Mr.
Hancey a letter dated Dec 31 (in answer
to mine) accompanying a copy of Text Book sent
a year ago with a parcel containing
what was asked after - viz. a set of the
duplicates of Coulter's Californian plants.
My nice specimens and a fine accession
to my herbarium. The *Romneya*
(Poppy) is among them - also that fiddle-
necked *Podium bricifera*. The collection
is all by little fragments as I supposed it
would be. evidently all from along the coast
of California, or on the mountains near the
coast. - almost all identical with Douglas's,
but occasionally different from his.
I have been laying them out for some
glance, at odd moments - and determining
some families for Hancey - but shall keep
them altogether till you come, if that is
possible - and please the duplicates as there
are not many. I am laying aside
for you as I go on - and there is occa-
sionally a bit for Hancey also.

I have adopted a plan for letter writing.
to let a friend correspond with me - which I mean
as a saving of time & thought.

When there is any thing to say, I write a
scrap like this, or much less. Put
it in an addressed envelope. When there
is any thing more, I add another scrap
and so on till the envelope is full, or
it is worth while to dispatch it. - So the
letter grows up by inches.

Nothing from abroad last steamer.
Harker tho' I know they were duly
received - has not acknowledged yet. He
thinks they are except he has written to
Sullivan directly. Mr. Van Buren
to whom I sent a copy.

In a very few weeks
shall be dispatching parcels to Paris.
Handwritten Manuscript, Hall & Dipht.

Good chance to take any thing you may
desire to send.

I will add
more Monday morning. See farewell.

Very very tired now. My love to all.
am very sorry, and somewhat troubled
at the long silence on the part of
Mrs. J. Hall at Belmont. It is true, though
that I have written no letters worth answering
for a long time. Yours ever Aaron

TORREY 149
Tuesday Morning

1847

My Dear Friend

Your kind favor reached
me yesterday.
hastily, as I have lecture
to prepare for. —

First as to Milnes.

I am sorry you declined
to take the the Report &
California Collections in
a lump for \$1000. if that
was Milnes offer. — To be sure
the endeavor to tie the hands
of his parsons was mean
of Milnes. — — But I would
look quite above it, and say
as to the at collection, concerning
as they do our own country,
that the pay was no object

any way. - Besides, I
have seen the collection,
and can say that
I - if I had time, should
be very glad to do them
for the money, and no
questions asked!! -

Get those first into
your hands, and then,
do for the others as suits
your own views and
convenience. - I knew
the offer of the plants must
come to you, sooner or
later. and trust that
you will not let them
slip through your hands,
if you care to undertake
what is, after all, a pretty

formidable job.

I must not forget
to tell you that Mr.
Harker has very kindly
sent me a good parcel
of plants collected ^{the}
his Exped. - ^{the} larger

part Van Diemen's Land,
but a goodly number from
Cape Horn, Falk land, &c.,
& other antarctic lands.

Before I glue them down
I shall select for you such
duplicates as the parcel
can be made to furnish.

Yours, Bk. from Mr. to
March inclusive from L. M.
Your part in the parcel
making up for you. --

-- I return your flowers &
Ooculus, like every other I have
anywhere got hold of. They are all male.

I am sure your specimens
of Scleria are not here.

Did they not get stopped in
New York? Olney's plants
have not been sent to
Fournassier - they would
be good for him.

Delessert is gone -
so is Brongniart.

I have a new Buddleia
Tex. Lindheimer, another from
Calif. Coulter.

The Dean of Manchester's
pamphlet consists of sheets
from his work on Magnoli-
daceae - old enough.

Will you send me what
I may need in Manual as to
Liliaceae, Campanulaceae &
Acanthaceae - - Ruellia?

The want to send at
once some more cash
to Fendler at Mr. Fe -
(in case he is alive, as we
hope) and are hard pressed
for it. He collects Cactus,
live plants & seed - as
well as dry. Would
Mr. Field like to sub=
scribe, and advance
some thing?

Will you send me the
Vol. of ~~the~~ containing Swartz
pamphlet where Listera convul-
sarioides is figured - to settle a
matter that Baker is interested
in

I send this morning
a parcel to you - to
Grant at W. H.

It contains -

1. Odd sand of Gram. Hyps.
from Benzal, Griffiths,
- a bolster for my parcel -
but the specimens I fear
ruddish. -

2. Asclepiads etc. from Tex.
Lindh, coll. - to be distributed
som. please report on their
return som. -

Mem. the leaf of Euph. A.
glaberrima is just like Sullivan's.

3. Gouldies Asclepias 149
Asclepias acrotoides, Benth.
As. longicorne, Benth.,
etc. —

4. Journal of Botany —
Burch —

I think there are some
Asclepiad in Night's
Coll. If so I will send
in next.

5. Decaisne's pamph. (bound)
on Asclepiads —

Yours ever.
May



1847?

TO 182

My Dear Friend

I am waiting for your letter from Princeton to come along, but will now send a brief line.

I am surprised at Pickering. He is never hearty and frank. but I understood him to wish that the plants should fall into your hands.

We may let them go on their own way at Washington till they bring up. When Milnes begins to print his volume, he will find that he has nothing to print but Lichen and Lichens. I have no

idea what Pickering's plans
are. He wrote to Dana
asking him to become a
candidate for the Curatorship of
Smithsonian Institute (from
which I inferred there is
to be such an office - and
that P. does not care for it.

I am very sorry to lose
the specimens & drawings of
the fertile flowers of *Coccoloba*.
Did you not leave them at
Princeton. Please send a
few in your next letter. -

I make the Manual keep
clear of Slavery - New Jersey,
Penn., (if little Delaware manu-
scripts perhaps I can find a corner
for it) Ohio - Indiana &
Md. as the case may be;

leave out Illinois - which
has too many Muskegon plants
- Lake in Michigan and Wisconsin
at least Lapham's plant near
the Lakes. - That makes
a very homogeneous flora.

I have made, as usual
much less progress than I
supposed - so now - pressed at
the same time with college
duties, I have to make very
hard in deed. - Carey is
coming on to help me, and
pick up duplicates from the
Michigan collection of plants
sent on for me to name.
- It will do him good - as
he is very desponding. - He will
help me much, if he will stay
long enough - I shall be very glad
to have the sheets of your 2nd
volume as soon as I can.

Is it yet settled that you move
to N.Y. this spring?

I hope you will try a course
of Botany in New York one of
these springs.

Agassiz will be in too
poor health to lecture in N.Y.
this spring. He has worked too
hard — or rather distracted himself
by working at so many things at
once this winter. He is too hard
on himself at Boston. I find himself
over-tired — not sick. — A few weeks
of rest & quiet study — to work up some
of his results will restore him. He has
promised to come out, short himself
up in a room in my house, and work
for a few weeks. — Keeping entirely ^{away}
from Boston. I think it will do him good.
Entre nous, he will have an offer for
a Professorship here, if he will listen to it,
— the result of which will be either to fix him
here, or make the King of Prussia fix him
comfortably at Berlin. — He gave to our
club, last week, a most excellent & spirited
account of the mathematical arrangement of
leaves. — Sheet full. — Yours ever Agassiz.

270. Cambridge, Tuesday

My Dear Doctor

Mr. Magné has just
come (the snow-storm kept him
in yesterday) & taken the beam-
phora to ~~dissect & draw~~. He
will save the flower as much as
possible.

Our Darlingtonia is plainly
a mere Styrax. And neither
I nor Magné can see more
than 2-celled anthers - just
like those of Styrax.

Our D. has got wind of his
genus, & is all agog to see it.

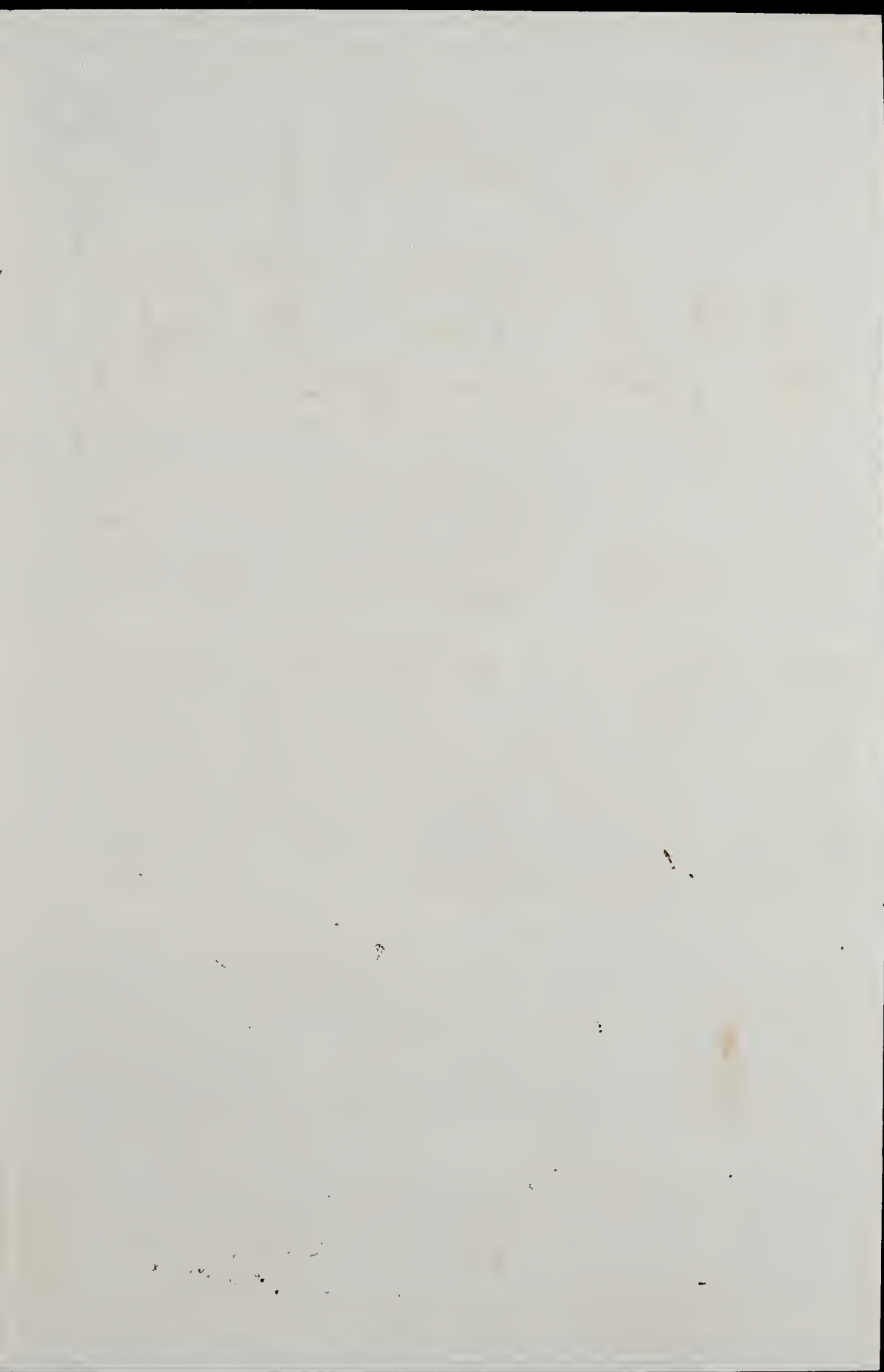
Magné is figuring a new

Real queer Saxipapaceus
(Mightian) genus, that might,
if you please, become a *Darlingtonia*,
and it would cheer the heart
of the good old man, who long
to see a *Darlingtonia* before he
dies. What say you?

I suppose you will discard
the plate engraved I put the
Oreamphora in its place,
and that Magne need not
make new directions from the
payment you sent. Do you
want it back again?

Yours ever

A. Gray



Dear Dr

Agassiz tells me
that you have not returned
the Botanical Drawings for
Lectures I borrowed for you.

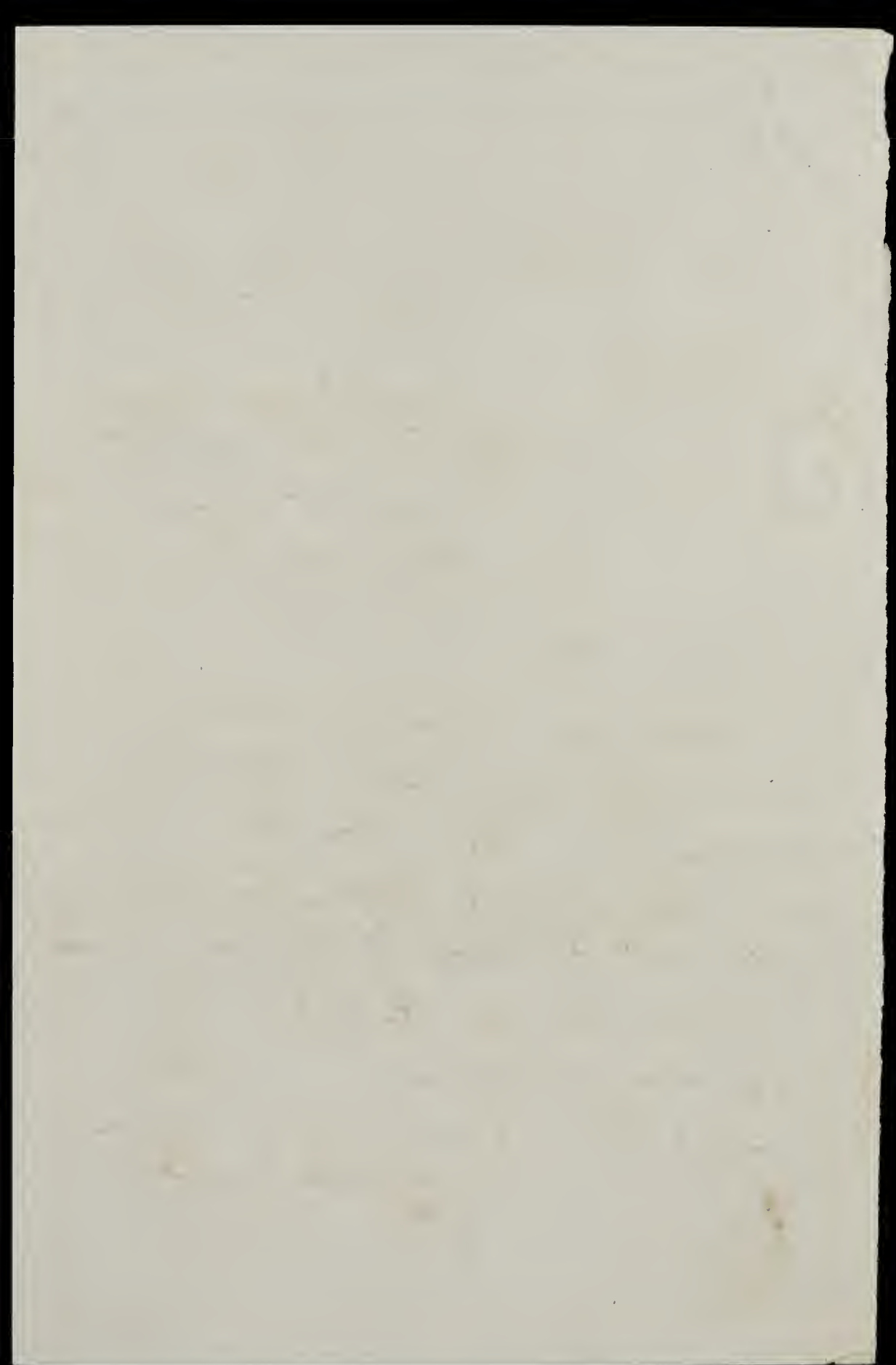
He asks you to put them
up safely, and leave them at
Mr. May's 3, Maiden Lane,
that he may take them on his
way South, or send for them
when he likes.

AB,

I see I hold two notes,
 dated April 1st 1850 - one for
 2.58 dollars - one for
 2.50 " Interest to 1st Nov, would be
 48.26,

~~\$ 556.26~~ - on which I have now
~~200.00~~ - which I endorse on one of the -
~~\$ 356.26~~ - notes. And I have kinds
 some charges for things about
 4 - some color 12 dollars
 more -

Perhaps you mean to wait till
 Thanksgiving week Nov. 27. -
 Very good - You can then have
 from Thursday to Monday, before
 you will be needed for your lectures.
 Where are you located for board.
 We want to know. - Love
 and best love to you & yours.
 Affectionately
 Yours
 A. Gray



Thanks for your letter.
Dear Doctor: to which I can
not properly reply at this mo-
ment, as it is very late.

The proper mode to meet
Fremont's wishes, it seems to
me is this, - viz. to furnish
him with the names of the
characteristic plants, so far as
the remnant of his collection
affords the means of so doing.
That he may mention them
properly, and with a scientific
air, in his report. New species
or genera, he could mention as
such, under names that you
could furnish. If you furnish
characters they could be given
in notes passing. This plan, and
give the whole a scientific air,
and much better serve his purpose
than an imperfect scientific report.

for - I conclude that any-
thing like a proper report on
his plants by March is quite
out of the question; and it is
unnecessary, if he is to have a
new collection within another
year. I can in that way
return him names for a goodly
part of his Composite -
Further study of them on my
part is not to be thought of
at present.

Had I known of your visit
to Princeton, I should have
begged you to send me Wilmshurst's
book on Fossil Wood.

In haste
Ever yours

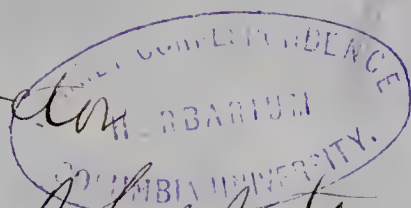
A. Gray

20

Dr. Torrey)

1847. (?) 193

Dear Doctor



193

I forgot to say, in a former letter, that of course I should like to have the Florida plants of Buckley, such as are to spare. If I recollect aright they were intended for me by Buckley, who for that purpose made the set a double one when he could.

I long to hear further about the missing *Scrophulariaceae*

I daily expect to see Putnam here, and wish to question him about the parcel,



1847 - or earlier

I have received a copy of
Arremon's Report, bound, from
Olney - In looking at your
remark on *Covania* - which did
not catch my eye before, I see
that you doubtfully refer it to the
Mexican species - Now I have a
specimen (Hartweg) of the Mexican
species - and I suspect (speaking
from memory) that your plant
is quite distinct from that.

I will compare :- on comparison
they look very much alike. The flowers
are as large as in my specimen, and
the leaves less divided. I add something
of a specimen to your plants in the
drawer. Mr. L. has sent me
his check for \$150 as an advance to the Santa Fe collector.
A.S.

Your Antagonism is
pretty near
the edge

TOBACCO
HERZATUM
184

INDEPENDENCE

is quite distinct from the
I will compare
They look very much alike. The
are as large as in very specimens, and
Mr. Lewis has divided. I had thought
of a specimen to your plants in the
to show. Mr. L. has sent me
his check for \$10 as an advance to the printer.